

## CLIMATOLOGICAL DATA FOR FEBRUARY, 1912.

## DISTRICT No. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

## GENERAL SUMMARY.

The month was characterized by heavy snows in the southern and southeastern parts of the drainage area, continued cold weather below Sioux City, Iowa, and by mild and comparatively dry weather in the northern sections. The snows in the territory extending from southern Wyoming and Colorado across to the Mississippi River were the most marked feature. Several times during the month they were heavy and caused the cessation of nearly all kinds of outdoor pursuits. Railroad interests suffered especially; roads were blocked and the frequent use of snowplows was imperative. The cold weather in the lower part of the district was not extreme, but its effects as a rule were adverse, as it followed an especially cold January and was coincident with frequent and heavy snows.

## TEMPERATURE.

Mild weather prevailed in the greater part of the district. There were two areas, however, in which the mean temperatures for the month were considerably below the normal; one comprised the territory to the east of a line drawn north and south through Sioux City, Iowa, and the other the watersheds of the North and South Platte Rivers in Wyoming and Colorado. In the latter area the temperatures were moderate until the 18th, when a period of cold weather began and lasted the remainder of the month. An apparent anomaly was the occurrence of the highest temperatures of the month in the western part of the district and the fact that the only stations without one or more days with thermometer readings below zero were in the parts of the drainage area not normally the mildest in February; they were south central Nebraska, the northwestern quarter of Kansas, northwestern Wyoming, and southwestern Montana. At the individual stations the minimum for the month occurred on dates varying from the 2d to the 29th; the best defined waves of cold covered the lower part of the district on the 3d, 4th, and 29th. The occurrence of the highest temperatures varied almost as much as the lowest, but the 16th, 17th, and 18th formed the best-defined warm period.

## PRECIPITATION.

The precipitation was practically all in the form of snow, except in the extreme lower part of the district, where a moderately heavy rain fell on the 25th-26th. There was more than the customary amount of cloudiness, but the precipitation was deficient in more than half of the drainage area, or in northwestern Iowa, northern Nebraska, the Dakotas, except the Black Hills country, Montana, and northwestern Wyoming. It also was deficient in amount along the Missouri River below Kansas City, despite the frequency of its occurrence. Days with 0.01 inch or more were well distributed through the month, but the greatest fall was after the 12th. There were two especially heavy storms that crossed the southern part of the district, from Colorado

and southern Wyoming to Missouri and southern Iowa. The first was on the 20th-21st, and gave snow that at some stations was the heaviest of record. The second occurred from the 24th to the 26th; the snow accompanying it was also extraordinarily heavy, except in the extreme lower part of the drainage area, where the precipitation was in the form of rain.

The following are special remarks, made by the section directors, on snowfall in the Black Hills and that portion of the Rocky Mountains drained by the Missouri River:

*South Dakota.*—In the Black Hills the snowfall ranged from 6 to 39 inches. At the end of the month the accumulated depth ranged from 3 to 45 inches, and the condition of the snow would indicate that, with ordinary temperatures, melting will be slow, and that there will be an ample flow of water during the spring.

*Montana.*—There was a material decrease in the depth of snow in most mountain districts. At high altitudes the night temperatures were generally much below the freezing point, and the decrease was for the most part due to the snow melting and forming ice. Over the greater portion of the State the ground is still well supplied with moisture from the autumn rains, and this will materially offset the loss from run-off during the mild weather of the last two months. There are some small subdrainage basins in all of the principal watersheds in which there will be less than the usual flow of water.

*Wyoming.*—The snow covering has become appreciably heavier, except in the Yellowstone Park, and is now in good condition to be conserved until late summer. At high elevations on the Bighorn watershed conditions have advanced from below normal at the close of January to a normal state at the close of February. On the watershed of the Tongue River there is an average of 20 inches more snow than there was at the same time last year. Amounts on the watershed of the Powder River have increased, but the water equivalent is small. The heaviest snow of the month occurred on the watershed of the North Platte, where depths are 6 inches to 3 feet greater than at this time last year.

*Colorado.*—Throughout the region drained by the South Platte, except Park County, the snowfall was much above the normal for February. There was much drifting and the snow, except that which fell recently, is generally hard packed and icy. On the other hand the ground is deeply frozen, and when melting begins the run-off will be more rapid than usual. At the end of February the average depth indicated by the snow scales on the South Platte watershed, at an average elevation of 9,000 feet, was 25 inches, or 5 inches more than at the close of February, 1911. On the North Platte watershed, at an average elevation of 8,300 feet, the average depth was 20 inches, or 2 inches less than at the corresponding time last year.

## RIVERS.

The flow of the mountain streams was about normal. All the watercourses east of the foothills were frozen during the first half of the month. The Yellowstone, Milk, James, and the Missouri as far down as St. Joseph were still frozen on the 29th. In the Missouri to the south and east of Williston, N. Dak., the ice was thicker than is usual in February. In the tributaries of the Kansas River ice broke on the 17th-19th, and on the latter date there was a general movement in the Missouri from Kansas City to the mouth. There was a partial movement at St. Joseph on the 21st. At Hermann, Mo., 103 miles from the mouth of the Missouri River, the stream was frozen on January 7, at a low stage; when it opened on February 19 the water level was 3.8 feet. The normal stage at this place during the latter part of February increases gradually from 8.7 feet on the 20th to 9.2 feet on the 28th; the water released by breaking gorges caused the normal to be passed on the 25th, and on the last day of the month the gauge reading was about 2 feet higher than the 39-year average.

The St. Louis Harbor was open and the water stage was normal. Below the city, at Carondelet, a gorge held from January 9 to February 24, when it broke and allowed the heavy ice from the Missouri River to move freely. The Mississippi was gorged throughout the month at Alton, Ill., consequently there was very little running ice to pass St. Louis previous to the break-up in the Missouri River. The damage done up to this time has been of minor importance.

TABLE 1.—*Climatological data for February, 1912. District No. 6, Missouri Valley.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.				
				Mean.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>Wyoming.</i>																				
Arapahoe.	Fremont.	2								0.57		0.16	17.2	7	8	17	4	w.	A. E. Dietz.	
Barnum.	Johnson.	5,500	7							0.60		0.30	12.1	4	13	10	6	n.w.	Thos. Freeguard.	
Basin.	Bighorn.	3,862	13		62	2	- 5	28	39	0.11	- 0.24	0.11	1.1	1	17	7	5	n.w.	O. J. Robertson.	
Bennett.	Carbon.	3																	Chas. C. Young.	
Big Creek Station.	do.	7,500	1																U. S. Forest Service.	
Burns.	Laramie.	5,400	2																Alex. Hastie.	
Casper.	Natrona.	5,101	3	27.6		57	10	- 18	29	65	0.79		0.24	16.5	7	15	1	13	sw.	
Centennial.	Albany.	8,074	9	21.0		43	7	- 8	47	37	3.98		1.40	41.3	14	3	4	22	w.	
Cheyenne.	Laramie.	6,088	41	26.3	- 1.1	50	7	- 9	4	42	1.60	+ 1.02	0.73	22.2	10	3	17	9	n.w.	
Chugwater.	do.	5,282	11	25.3	- 2.0	47	16	- 22	29	47	2.60	+ 1.70	0.60	26.0	8	12	11	6	n.w.	
Clark.	Park.	4,320	7	29.4		50	17	- 3	29	38	0.14		0.05	1.2	5	11	9	9	n.	
Cody.	do.	5,000	5	27.4		52	17	- 4	29	37	0.31		0.16	3.1	3	11	8	10	w.	
Crazy Creek.	do.	6,828	1	15.7		40	7	- 25	20	54	0.63		0.28	12.0	4	15	6	8	w.	
Dome Lake.	Sheridan.	8,821	4	12.2		26	10	- 14	28	26	1.40		0.50	28.0	8	7	17	5	w.	
Douglas.	Converse.	4,733	3	23.4		45	18	- 16	28	45	1.05		0.34	16.2	9				M. C. Cook.	
Dubois.	Fremont.	6,909	5	24.5		52	7	- 8	27	47	0.38		0.10	3.8	5	7	19	3	Louis A. Gregory.	
Eaton's Ranch.	Sheridan.	4,600	7	27.5		50	14	- 11	31	43	2.00		0.80	20.0	6	18	8	3	U. S. Weather Bureau.	
Echeta.	Crook.	4,200	3							1.74		1.44	15.0	3	11	10	8	A. H. Woolever.		
Elk Mountain.	Carbon.	7								5.30		1.79	105.0	8				Chas. A. C. Snow.		
Encampment.	do.	7,322	3	24.24		46	7	- 12	4	42	0.21		0.09	3.8	6	21	15	6	D. A. Tinkcom.	
Erway.	Natrona.	6,400	3	22.4		42	7	- 13	29	36	0.95		0.25	15.3	5	10	9	10	James Smith.	
For Laramie.	Laramie.	4,270	34	25.2	- 1.9	57	16	- 10	47	36	1.05	+ 0.62	0.53	16.2	9	12	14	3	Abe Mills.	
Foxpark.	Albany.	9,015	2	15.8		37	7	- 29	4	51	2.95		1.15	31.0	7	8	5	7	Henry C. Miller.	
Germania.	Bighorn.	4,312	9	25.1		49	10	- 7	4	39	0.04		0.02	1.5	3	20	5	4	Dr. F. H. Welty.	
Gillette.	Crook.	4,546	6	21.2		42	12	- 10	3	42	0.96		0.45	12.5	9	17	7	5	F. A. Eaton.	
Horse Creek.	Fremont.																	M. R. Hunter.		
Hunters Station.	Johnson.	8,000	6	13.0		40	1	- 15	29	42	1.00		0.30	19.0	6	15	7	7	Wm. Richardson.	
Hyattville.	Bighorn.	4,632	13	28.4	+ 3.0	51	11	0	47	31	1.35		0.10	18.0	5	8	14	7	U. S. Forest Service.	
Jireh.	Converse.	5,050	2			8	20.4	- 42	17	- 12	47	0.72		0.40	11.0	3	9	10	10	Frank Jameson.
Kirtley.	Park.	9,187	3								0.53		0.36	8.7	3				John Hunton.	
Kirwin.	Crook.	4,500	3								0.35		9.0	10	15	6	8	D. M. Zum Brunnen.		
Knowles.	Laramie.	4,510	2	26.2		49	16	- 13	4	49	0.79		1.74	+ 1.05	0.75	7	16	5	C. L. Tewksbury.	
Lagrange.	Lander.	5,372	20	20.3	- 1.6	51	17	- 19	29	36	1.05		0.25	29.6	5	16	4	5	Geo. A. Knowles.	
Lander.	Fremont.																	Owen Shupp.		
Laramie.	Albany.	7,188	21	21.4		42	7	- 20	4	46	0.79		0.48	7.9	9	16	5	8	U. S. Weather Bureau.	
Leo.	Carbon.	6,878	10	18.8d	- 3.0	50	7	- 10d	4	28d	0.91		0.60	18.0	5	6d	6d	13d	University of Wyoming.	
Lolabama Ranch.	Park.	7,052	8	19.5		44	1	- 2	32	51	0.10		0.05	4.0	2	17	3	9	C. A. Cowdin.	
Lovell.	Bighorn.	3,825	6	27.8		53	10	- 6	29	36	0.02		0.02	T.	1	12	4	13	Mary E. Painter.	
Lusk.	Converse.	5,607	21	22.3	- 0.4	46	10	- 10	27	42	1.19	+ 0.63	0.30	16.0	6				R. Fred Harrison.	
Mauville.	Crook.	5,050	2							0.42		0.20	9.2	8	9	8	12	D. E. Goddard.		
Moocroft.	Park.	4,111	8	19.1		45	16	- 22	4	45	1.45		0.50	14.5	6	8	10	11	C. A. Sherman.	
Moore.	do.	6,000	11	25.5	- 1.8	44	7	- 16	29	47	1.39	+ 0.79	0.26	14.5	11	5	15	9	C. T. McCampbell.	
Newcastle.	Weston.	4,319	5	23.5		44	11	- 13	3	41	0.80		0.50	8.0	3	12	9	8	Edwin Moore.	
Pathfinder.	Natrona.	5,735	6	23.8	- 1.0	47	18	- 10	47	37	0.32	- 1.01	0.16	12.0	5	11	10	8	Dr. S. W. Johnson.	
Pinebluff.	Laramie.	5,038	9	23.41						2.22		0.70	23.0	6				C. L. Beatty.		
Pine Ridge.	Crook.									0.85		0.72	9.0	3	9	6	14	J. E. S. Altafier.		
Powell.	Park.	4,376	4	28.0		53	17	- 2	27	39	0.03		0.03	0.2	1	5	13	11	U. S. Reclamation Service.	
Rawlins.	Carbon.	6,748	10	22.8	- 0.1	43	9	- 9	4	37	1.30	+ 0.43	0.40	19.0	8	6	10	13	E. J. Ehrefeld.	
Riverton.	Fremont.	4,960	3	20.4		54	17	- 23	29	40	0.44		0.20	7.7	5	8	17	F. H. Allyn.		
Rocky point.	Crook.									0.58		0.50	15.0	9	12	8	9	P. Woxen.		
Saratoga.	Carbon.	6,785	14	19.8	- 2.2	45	7	- 27	4	57	0.98	+ 0.04	0.30	14.2	7	12	6	11	G. Frederick Clark.	
Seven Mile Creek.	do.	19.28				43	10	- 19	4	47	2.89		0.40	36.5	9	5k	9k	4k	U. S. Forest Service.	
Sheridan.	do.	3,790	17	22.5	+ 0.7	45	1	- 21	4	46	1.92	+ 1.26	0.76	20.2	12	10	7	12	U. S. Weather Bureau.	
Shoshone Dam.	Park.	5,385	6	31.3		56	6	- 6	29	37	0.11		0.11	1.5	1	8	16	5	U. S. Reclamation Service.	
Soldiers Home.	Johnson.	4,635	20			40	17	- 22	29	57	1.60	+ 0.99	0.60	16.0	6	9	0	20	Joel C. Smiley.	
South Pass City.	Fremont.	7,873	10	16.1		40	7	- 25	29	47	0.75		0.21	17.3	9	7	16	6	John Sherlock.	
Sundance.	Crook.					42	10	- 26	3	56	1.90		1.10	19.0	6	13	7	9	Geo. W. Ashdown.	
Thermopolis.	Fremont.	4,350	8	27.6		53	10	- 12	29	40	1.03		0.25	17.0	6	16	9	4	A. L. Duthig.	
Verona.	Sheridan.	4,360	3							1.45		0.39	11.8	9	2	18	9	O. A. Roode.		
Wheatland.	Laramie.	26.0				51	12	- 15	28	44	1.08		0.36	15.2	8	12	2	15	A. de F. Snively.	
Winters Ranch.	Carbon.	7,400	2							0.58		0.20	11.0	8	6	14	9	Ira G. Wiant.		
Wiley.	Park.	5,375	3	23.7		50	11	- 6	28	35	1.57		0.50	15.0	9	12	8	9	Thos. S. Harrison.	
Woodrock.	Sheridan.					47	17	- 5	4	41	4.95		1.28	64.0	15	10	10	9	U. S. Forest Service.	
Worland.	Bighorn.	1	25.5							0.02		0.02	0.2	1	14	9	6	Prof. B. C. Buffum.		
Wyncote.	Laramie.	5	26.4			52	11	- 9	4	40	0.94		0.50	14.0	5	9	10	10	U. S. Reclamation Service.	
Yellowstone Park.	Yellowstone Park.	6,200	24	22.4	+ 2.8	42	7	- 2	28	30	0.48	- 1.43	0.14	4.6	13	7	17	5	U. S. Weather Bureau.	
Fairview Dente.	do.	7,000	7	18.2		62	16	- 23	26	55	0.57		0.20	11.5	5	21	3	5	U. S. Army.	
Fountain.	do.	7,220	6	20.4		49	5	- 16	25	59	0.80		0.35	8.0	4	9	9	11	Do.	
Galatin.	do.	1								0.50		0.19	6.6	5	11	14	4	Do.		
Grand Canyon.	Cascade.	7,900	5	14.1		48	11	- 27	25	51	2.35		0.60	23.5	8	13	8	n.	Adolph Aman.	
Lake Yellowstone.	Gallatin.	7,733	13	15.0		41	7	- 29	28	47	1.25		0.40	12.5	7	18	0	11	Do.	
Norris.	do.	7,575	8	13.6		38	7	- 27	28	55	1.35		0.33	17.5	6	19	7	3	Do.	
Riverside																				

TABLE 1.—*Climatological data for February, 1912. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.			Sky.			Prevailing wind direction.	Observers.		
				Highest.	Date.	Lowest.	Date.	greatest daily range.	Total.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.1 inch or more.	Number of partly cloudy days.	Number of cloudy days.					
<i>Montana—Continued.</i>																			
Cabin Creek.....	Beaverhead.....	2	29.2	+ 7.8	48 17	2	28	34 0.43	- 0.03	0.27	4.0	5	11	9	9	nw.	W. J. Crowell.		
Canyon Ferry.....	Lewis and Clark.....	3,644	13	29.2	+ 7.8	48	17	2	28	34	0.26	0.15	2.8	6	7	12	nw.	A. C. Pratt.	
Cascade.....	Cascade.....	3,361	7	33.0	+ 10.5	52	21	- 16	28	36	0.26	0.33	11.4	10	14	3	12	Dr. F. E. James.	
Chessman Reservoir.....	Lewis and Clark.....	5,275	3	24.1	+ 10.5	43	9	- 19	28	38	0.81	0.33	11.4	10	14	3	12	C. D. Schmidt.	
Chester.....	Chouteau.....	3,140	8	21.7	+ 10.5	42	17	- 15	29	36*	T.	T.	0	0	0	0	0	E. D. Keith.	
Chinook.....	do.....	2,502	13	21.8	+ 7.0	46	14	- 19	29	42	0.05	- 0.28	0.04	0.1	2	15	10*	T. O'Hanlon Co.	
Clearcreek.....	do.....	6	25.0	+ 11	- 11	29	28	28	28	0.20	0.20	0.20	2.0	1	12	12	Cortez Sedgewick.		
Clemmons.....	Lewis and Clark.....	4,672	2	24.4	+ 10.5	49	1	- 20	28	37*	0.31	0.10	1.9	6	10	11	11	Fred Eberl.	
Clydepark.....	Park.....	1	24.4	+ 10.5	49	1	- 20	28	37*	0.14	0.09	0.5	4	6	14	9	Dr. T. B. Marquis.		
Conrad.....	Teton.....	1	24.4	+ 10.5	49	1	- 20	28	37*	0.31	0.10	1.9	6	10	11	11	I. S. Martine.		
Copper.....	Meagher.....	7	28.0	+ 7.2	49	10	- 7	4	40	0.62	+ 0.04	0.18	5.6	8	4	4	21	nw.	
Crow Agency.....	Rosebud.....	3,041	29	28.0	+ 7.2	49	10	- 7	4	40	0.35	- 0.05	0.20	3.5	3	9	17	nw.	
Culbertson.....	Valley.....	1,927	9	27.0	+ 7.8	48	17	- 22	29	35*	T.	- 0.67	T.	0	22*	3*	1*	Ira R. Bamber.	
Cut Bank.....	Teton.....	3,700	13	27.0	+ 7.8	48	17	- 11	29	32	0.17	0.06	4.2	5	6	4	19	G. H. Coulter.	
Denton.....	Fergus.....	3,500	3	29.0	+ 9.1	53	3	2	28	37	0.07	- 0.62	0.04	0.4	2	10	9	10	P. J. Griesenauer.
Dirty Creek.....	Beaverhead.....	5,147	14	34.8	+ 9.1	49	17	- 11	29	32	0.17	0.06	4.2	5	6	4	19	Prof. J. E. Monroe.	
Dry Creek.....	Meagher.....	6,000	3	.....	.....	49	17	- 11	29	32	0.17	0.06	4.2	5	6	4	19	Lewis Cameron.	
Dry Wolf Camp.....	Broadwater.....	5,500	2	.....	.....	49	17	- 11	29	32	0.17	0.06	4.2	5	6	4	19	J. C. Stuart.	
East Gallatin River.....	Gallatin.....	6,000	3	.....	.....	49	17	- 11	29	32	0.17	0.06	4.2	5	6	4	19	Mrs. R. J. Eveleth.	
Elakala.....	Custer.....	11	21.6	+ 3.5	42	19	- 25	3	57	0.21	- 0.28	0.09	2.1	4	19	0	10	John Eberhart.	
Elkhorn.....	Jefferson.....	6,576	3	.....	.....	42	14	- 28	4	48	0.37	0.06	6.2	10	7	10	12	Wm. Freese.	
Fallon.....	Custer.....	2,208	7	18.1	+ 10.5	42	14	- 28	4	48	T.	T.	0	0	0	0	0	James Heagan.	
Fish Creek.....	Silver Bow.....	8,500	2	21.0	+ 10.5	42	6	- 14	26	40	0.41	0.12	7.9	4	7	14	O. B. Tilton.		
Flathead Creek.....	Gallatin.....	6,000	1	.....	.....	49	17	- 11	29	32	0.17	0.06	4.2	5	6	4	19	Alta Williams.	
Fort Benton.....	Chouteau.....	2,630	32	31.2	+ 11.6	53	17	- 10	29	33	0.10	- 0.35	0.10	1.0	1	19	10	0	Jere Sullivan.
Fort Shaw.....	Cascade.....	3,500	23	31.0	+ 8.8	55	2	- 12	29	33	0.09	- 0.39	0.03	2.9	3	16	3	10	U. S. Reclamation Service.
Fort Harrison.....	Lewis and Clark.....	4,004	8	28.2	+ 10.5	47	11†	- 4	27	31	0.23	0.23	0.8	3	11	3	15	Post Hospital.	
Foster.....	Yellowstone.....	2	28.6	+ 10.5	50	14†	- 11	29	44	0.31	0.23	0.8	3	11	3	15	E. K. Bowman.		
Garnett.....	Fergus.....	5,500	3	.....	.....	42	15	- 25	28	37	0.05	- 0.43	0.05	0.5	1	13	13	3	Thomas E. Scally.
Glasgow.....	Valley.....	2,092	15	11.7	+ 2.5	40	15	- 28	28	37	0.05	- 0.43	0.05	0.5	1	13	13	3	w.
Glendive.....	Dawson.....	2,069	21	18.7	+ 5.4	43	15†	- 21	4	33	0.05	- 0.56	0.05	0.5	1	13	9	7	w.
Goldbutte.....	Chouteau.....	4	24.3	+ 10.5	46	1	- 13	29	34	0.05	0.05	0.5	1	9	12	8	w.		
Graham.....	Custer.....	6	24.5	+ 10.5	44	10†	- 16	4	44	0.38	0.34	5.4	3	10	11	8	w.		
Grayling.....	Gallatin.....	6,700	6	14.0	+ 10.5	42	7	- 25	25	50*	0.49	0.17	6.0	4	8b	9b	10*	P. Kerzenmacher.	
Great Falls.....	Cascade.....	3,350	20	32.2	+ 7.6	51	1†	- 9	29	39	0.60	+ 0.05	0.14	7.0	6	7	2	7	S. H. Bauman.
Halfway House.....	Broadwater.....	6,000	2	.....	.....	49	14	- 26	26	30	0.77	0.23	16.2	5	16	2	11	Gordon Deans.	
Harlowton.....	Meagher.....	4,165	4	29.8	+ 10.5	54	5	18	4	40*	T.	T.	0	4*	5*	15*	w.		
Havre.....	Chouteau.....	2,505	32	22.8	+ 7.8	55	14	- 9	29	30	0.20	- 0.27	0.12	1.9	4	10	12	7	w.
Helena.....	Lewis and Clark.....	4,110	32	30.2	+ 8.0	47	14	- 1	28	26	0.20	- 0.54	0.13	2.5	6	6	12	11	Joseph Muir.
Highwood.....	Chouteau.....	5	.....	.....	.....	49	17	- 11	29	32	0.56	0.26	6.5	4	10	6	13	Do.	
Huntley.....	Yellowstone.....	3,014	6	30.7	+ 10.5	53	10	- 7	3†	53	0.45	0.25	2.4	6	14	11	4	w.	
Jones Canyon.....	Gallatin.....	6,800	3	.....	.....	49	17	- 11	29	32	0.30	0.53	34.0	10	3	16	10	W. S. McCord.	
Jordan.....	Dawson.....	6	.....	.....	.....	49	17	- 11	29	32	0.23	0.23	0.8	3	11	3	15	U. S. Reclamation Service.	
Knobles Ranch.....	Chouteau.....	1	.....	.....	.....	49	17	- 11	29	32	0.23	0.14	2.0	3	13	8	8	n.	
Lewistown.....	Fergus.....	4,010	14	26.0	+ 4.4	47	11†	- 12	29	35	0.05	- 0.80	0.05	5.0	1	11	13	5	w.
Lonetree.....	Chouteau.....	3,280	6	32.4	+ 10.5	54	17	- 9	29	34	0.51	0.26	3.0	5	7	4	18	E. Wilson.	
Malta.....	Valley.....	2,240	5	15.7	+ 10.5	44	14	- 24	3†	46	0.08	0.08	0.5	1	19	8	2	U. S. Reclamation Service.	
Medicine Lake.....	do.....	1	10.2	+ 10.5	36	16†	- 27	4	38*	0.21	0.20	1.0	2	26	1	2	J. S. Collier.		
Mildred.....	Custer.....	3	.....	.....	.....	49	17	- 11	29	32	0.24	0.24	1.0	2	26	1	2	Leon B. Clark.	
Miles City.....	do.....	2,371	20	24.6	+ 7.8	50	14	- 13	5	34	0.52	- 0.04	0.39	3.9	5	9	12	8	U. S. Weather Bureau.
Norris.....	Madison.....	4,845	5	30.6	+ 10.5	47	6	4	28	29	0.12	0.07	1.2	2	8	10	11	Madison River Power Co.	
Nye.....	Sweet Grass.....	3	26.2	+ 10.5	47	1†	- 19	29	48	0.58	0.14	12.3	9	15	6	8	F. L. Bryant.		
Olsen Creek.....	Jefferson.....	6,345	3	.....	.....	49	17	- 11	29	32	0.24	0.11	6.6	8	8	13	Robert Olsen.		
Pipestone Pass.....	do.....	7,000	3	.....	.....	49	17	- 11	29	32	0.39	0.07	11.5	9	8	17	Mrs. T. Keirmeyer.		
Poplar.....	Valley.....	2,020	26	12.9	+ 3.4	43	15	- 28	4	37	T.	- 0.53	T.	0	27	2	0	H. M. Cosier.	
Red Lodge.....	Carbon.....	5,548	12	21.7	+ 1.4	45	10	- 16	28	34	1.03	+ 0.09	0.34	18.0	6	7	12	I. A. Draper.	
Renova.....	Jefferson.....	4,383	13	31.0	+ 6.3	54	6	0	28	35*	T.	- 0.36	T.	0	13	10	6	F. B. Elmer.	
Ryegate.....	Musselshell.....	3,640	2	29.3	+ 10.5	53	10	- 16	28	39	0.10	- 0.11	0.10	1.5	1	6	12	H. Scherfenberg.	
Savage.....	Dawson.....	2,050	6	17.4	+ 10.5	43	14	- 23	4	41	0.04	0.04	0.5	1	16	8	5	U. S. Reclamation Service.	
Seville.....	Teton.....	3,480	3	27.3	+ 10.5	45	1	- 16	29	30	0.35	0.20	1.9	4	19	18	2	Do.	
Shelby.....	do.....	3,276	15.5	.....	.....	39	14†	- 23	4	30	0.15	0.14	3.5	2	16	5	8	C. D. Kicher.	
Sidney.....	Dawson.....	1	.....	.....	.....	42	14†	- 23	4	30	0.15	0.12	2.9	4	4	22	3	Fred W. Arndt.	
Spokane Ranch.....	Lewis and Clark.....	1	.....	.....	.....	42	14†	- 23	4	30	0.15	0.12	2.9	4	4	22	3	O. E. Penwell.	
Springbrook.....	Dawson.....	10	.....	.....	.....	42	14†	- 23	4	30	0.15	0.12	2.9	4	4	22	3	Mrs. H. L. Miller.	
Stearns.....	Lewis and Clark.....	4,500	2	14.2	+ 10.5	40	10	- 26	4†	50	T.	0.42	3.0	4	6	17	6	J. W. Hardgrove.	
Sunlit Farm.....	Chouteau.....	1	.....	.....	.....	55	24	- 1†	27	45*	T.	T.	0.2	0	16	5	8	C. R. Noyes.	
Three Forks.....	Gallatin.....	4,066	1	28.8	+ 10.5	49	17	- 24	3†	45*	T.	T.	0	0	10b	16b	1b	M. S. Carpenter.	
Train Creek.....	Park.....	6,000	3	.....	.....	49	17	- 24	3†	45*	T.	T.	0.25	16.9	6	23	3	A. Wiedenbauer.	
Utica.....	Fergus.....	5,000	17	27.8	+ 4.														

TABLE 1.—Climatological data for February, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.							Precipitation, in inches.							Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, thawed.	Number of rainy days, 0.1 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>North Dakota—Contd.</i>																				
Edgeley.....	Lamoure.....	1,468	11	13.6	+ 4.0	43	17	- 23	9	31	0.01	- 0.37	0.01	0.1	1	19	nw.	O. A. Thompson.		
Energy.....	McLean.....	5						T.		T.	0.1	0	14	0	15		nw.	T. L. Stanley.		
Epping.....	Williams.....										0.10	0.06	1.5	2	18	1	10	w.	M. E. Uggen.	
Fullerton.....	Dickey.....	1,439	14	13.2	+ 4.8	42	17	- 23	3	33	0.55	- 0.04	0.30	5.5	4	8	7	14	nw.	F. O. Alm.
Garrison.....	McLean.....	1,901	3	13.3	+ 3.4	40	16	- 26	3	40	0.31	- 0.34	0.15	3.1	5	10	9	10	nw.	G. L. Robinson.
Grimnoll.....	Mount Trail.....							T.		T.	0.18	0	18	0	11		nw.	F. W. Hannah.		
Hettinger.....	Adams.....	2,253	6	18.2		39	17	- 21	3	38	0.20		0.20	2.0	1	13	9	7	nw.	W. R. Lanxon.
Howard (near).....	Divide.....	2,275	6	7.4		33	16	- 27	3	39	T.		T.	0	8	12	9	sw.	C. P. Amsbaugh.	
Jamestown.....	Stutsman.....	1,390	25	12.6	+ 4.7	42	17	- 23	9	31	0.35	- 0.20	0.20	3.5	5	9	4	16	nw.	Thos. Pettigrew.
Lamoine.....	Kidder.....	5	9.4			37	17	- 26	9	31	0.50		0.30	5.0	3	13	2	14	nw.	E. V. Virgin.
McHenry (near).....	Eddy.....	1,509	3	8.0		37	16†	- 27	9	32					6	12	11		John Knox.	
Marmarth (near).....	Bowman.....	5				36	14†	- 33	9	41	0.07		0.03	2.6	4	10	9	w.	S. P. Crane.	
Marston Moor.....	Stutsman.....										0.20	0.10	2.0	2	12	5	11	nw.	H. H. McCumber.	
Medora.....	Billings.....	2,225	16	28.6	+ 15.1	48	17†	- 26	3	54	0.15	- 0.34	0.15	1.5	2	13	7	9	ne.	J. W. Hesser.
Melville.....	Foster.....	1,590	15	11.5	+ 5.2	43	16	- 28	3	46	0.10	+ 0.01	0.10	1.0	1				nw.	J. P. Kidder.
Mott.....	Hettinger.....	6	13.4			40	17	- 23	3	40	0.66		0.38	6.5	6	11	9	10	nw.	O. H. Opland.
Napoleon.....	Logan.....	1,955	21	9.7	+ 3.2	36	18	- 27	9	44	0.10	- 0.39	0.10	1.0	1	8	3	18	nw.	C. J. Hoof.
New England.....	Hettinger.....	2,400	17	14.8	+ 3.0	40	18	- 29	8	52	0.45	- 0.29	0.25	4.5	3	21	0	8	nw.	W. C. McKenzie.
New Rockford.....	Eddy.....	1,531	3															nw.	J. V. M. Sundberg.	
New Salem.....	Morton.....	2,163	6	12.3		39	16	- 26	3	40	0.28		0.20	3.0	3	7	11	11	nw.	J. Christiansen.
Orange.....	Adams.....	6																nw.	J. E. Goforth.	
Reeder.....	do.....	19.8				45	14†	- 22	3	38	0.07		0.05	0.5	2	17	8	4	nw.	A. O. Lawrence.
Steele.....	Kidder.....	1,857	17																nw.	E. J. G. Reid.
Washburn.....	McLean.....	1,731	9	13.5		42	16	- 24	3	38	0.10		0.10	1.0	1	10	12	7	w.	W. R. Peterson.
Williston.....	Williams.....	1,875	33	11.7	+ 3.8	39	15	- 23	9	45	0.17	- 0.30	0.08	1.6	5	6	9	14	nw.	U. S. Weather Bureau.
<i>South Dakota.</i>																				
Aberdeen.....	Brown.....	1,300	22	14.0	+ 3.1	44*	23	- 21	3†	49*	0.30	- 0.64	0.30	3.0	1	13	1	15	nw.	D. G. Gallett.
Academy.....	Charles Mix.....	13	22.8	+ 4.1	52	17	- 18	3	35	0.07	- 0.45	0.04	1.0	2	8	11	10	nw.	I. T. Lothrop.	
Alexandria.....	Hanson.....	1,352	23																Albert Hill.	
Ardmore.....	Fall River.....	3,557	3																C. B. & Q. R. R. Co.	
Armour.....	Douglas.....	1,521	16	21.3	+ 3.3	53	17	- 20	3	37*	0.30	- 0.56	0.10	2.0	2	13	9	7	nw.	T. J. Markey.
Belle Fourche.....	Butte.....	3,000	4	26.9		48	14	- 12	4	42	0.25		0.10		4	6	12	11	nw.	U. S. Reclamation Service.
Brookings.....	Brookings.....	1,636	23	16.3	+ 3.1	50	16	- 21	3	35	0.24	- 0.28	0.08	3.0	5	8	19	2	nw.	Experiment Station.
Bryant.....	Hamlin.....	1,846																	J. W. Ault.	
Camp Cook.....	Harding.....	3,000	20	21.3	+ 2.2	42	14†	- 21	3	51	0.04	- 0.40	0.03	0.4	2	16	7	6	nw.	U. S. Forest Service.
Canion.....	Lincoln.....	1,248	17	17.0	- 0.9	45	15	- 24	9	36					13	3	13		nw.	John H. Holsey.
Cascade Springs.....	Fall River.....	3,422	4	26.2		46	10†	- 10	4	44	0.23		0.16	2.3	2	15	5	9	nw.	Fred Noerenberg.
Castilewood.....	Hamlin.....	1,685	6	15.2		49	16	- 23	9	38	0.05		0.04	1.1	2	5	10	14	nw.	M. N. Bradley.
Centerville.....	Turner.....	1,229	15	19.6		51	17	- 20	3	32	0.41	- 0.43	0.30	4.1	4	1	12	16	nw.	Frank Williams.
Chamberlain.....	Brule.....	1,303	14																W. B. Van Horn.	
Clark.....	Clark.....	1,779	18	13.2	+ 0.9	46	16	- 24	3	31	0.20	- 0.33	0.10	2.0	3	13	10	6	nw.	O. H. LaCraft.
Cottonwood.....	Stanley.....	2,414	4																Experiment Station.	
Custer.....	Custer.....	5,316																	R. P. Imes.	
Daviston.....	Perkins.....	3	21.0			42	17	- 20	3	45	0.37		0.20	3.7	4	13	6	10	nw.	P. A. Sattler.
Deadwood.....	Lawrence.....	4,535	3	24.4		47	26	- 20	3	48	1.78		0.65	19.2	8	15	7	7	nw.	R. E. Grimshaw.
Deerfield.....	Pennington.....	6,000	3																Frank E. Miller.	
D. Smet.....	Kingsbury.....	1,726	19	15.7d	+ 2.3	50†	23	- 23d	3	33d	0.10	- 0.41	0.10	1.0	1	15	7	7	nw.	J. O. Purinton.
Dowling.....	Stanley.....	2,250	3	25.5		51	14	- 16	3	44	0.15		0.10	1.5	2	8	15	6	nw.	M. P. Dowling.
Dumont.....	Lawrence.....	6,195	3																A. B. Wood.	
Eales.....	Dewey.....	2,415		19.8		45	17	- 20	3†	47	0.17		0.10	1.7	3	14	11	4	nw.	Dr. J. F. Chandler.
Elk Mountain.....	Potter.....	4,700	3																A. H. Peterson.	
Ellington.....	Perkins.....	5,723	3	19.4		43	17	- 24	3	42	0.05		0.05	1.0	1	7	16	6	nw.	James E. Blaine.
Englewood.....	Lawrence.....	5,723	3																Carl G. Moen.	
Eureka.....	McPherson.....	1,884	3	14.6		43	17	- 24	3	29	0.40		0.20	4.0	3	7	15	7	nw.	T. J. Cummings.
Fairfax.....	Gregory.....	8	24.3			55	17	- 19	3	36	0.19		0.12	2.5	2	22	3	4	nw.	Experiment Station.
Faulkton.....	Faulk.....	1,595	17	16.4	+ 3.2	42	17	- 21	3	31	0.11	- 0.40	0.11	2.0	1	11	5	13	nw.	U. G. Stevenson.
Flandreau.....	Moody.....	1,505	22	17.7	+ 3.7	48	17†	- 20	3	39	0.24	- 0.34	0.04	2.4	5	10	9	5	nw.	Miss Belle Talcott
Forestburg.....	Sanborn.....	1,231	20	18.4	+ 3.8	50	23	- 22	9	39	0.15	- 0.49	0.14	1.5	2	15	9	5	nw.	W. A. Harris.
Fort Meade.....	Meade.....	3,624	29	26.8	+ 5.2	52	15	- 14	6	42	0.31	- 0.33	0.10	3.2	4	16	2	11	nw.	S. S. Judy.
Frederick.....	Brown.....	1,371	3	14.6		41†	23	- 25	9	42d									Post Hospital.	
Ganin Valley.....	Buffalo.....	14	29.2d		60*	23	- 2*	26	35*		1.83		0.80	23.0	5	4	24	1	nw.	J. E. Jeffers.
Greenmont.....	Lawrence.....	6,430	3																A. L. Hanson.	
Greenwood.....	Charles Mix.....	20	25.2	+ 3.3	57	17	- 16	3	33	0.10	- 0.46	0.10	1.0	1	13	10	6	nw.	H. C. Hoffbuh.	
Hardingrove.....	Stanley.....	23.6				52	17	- 20	3	45	0.46		0.25	1.0	3	9	9	11	nw.	T. C. Williamson.
Hardy Ranger Station.....	Lawrence.....	6,600	3																Mrs. Leura Sinclair.	
Harvey's Ranch.....	Custer.....	6,282	2			52b	10†	- 14†	2†	47b	0.19		0.12	2.2	3	14	10	5	nw.	Mrs. Ennie A. Gundlach.
Hermosa.....	Hyde.....	1,890	16	17.1	+ 2.6	46	16†	- 23	3	32	0.11	- 0.14	0.09	1.2	2	10	13	6	nw.	Jerome Harvey.
Hopewell.....	Stanley.....	1,564	20	12.7	- 2.0	46†	23	- 26†	3	33d	0.11	- 0.39	0.06	1.5	2	15	7	7	nw.	S. M. Booth.
Howell.....	Miner.....	10	17.0	+ 4.9	48	23	- 20	3†	36	0.48	+ 0.05	0.43	3.5	3	11	10	8	nw.	E. R. Myers.	
Huron.....	Hand.....	1,306	30	17.0	+ 4.1	50	23	- 18	3	32	0.12	- 0.35	0.11	1.2	3	9	9	11	nw.	J. J. Cox.
Ipswich.....																				

TABLE 1.—Climatological data for February, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unthawed.	Number of rainy days, 0.01 inch or more.	Number of partly cloudy days.	Number of clear days.		
<i>South Dakota—Contd.</i>																			
Ottumwa.	Stanley.	4	23.40	40	15†	— 18*	3	38*	0.30	0.20	3.0	2	12	8	nw.	J. W. Bretz.			
Parkston.	Hutchinson.	1,400	20							0.28	3.5	2	21	3	5		W. C. Rempfer.		
Pierre.	Hughes.	1,572	20							— 0.45	0.11	1.2	1	7	15	7	nw.	U. S. Weather Bureau.	
Plankinton.	Aurora.	1,528	18							0.11	0.30	5	9	5	15	7	nw.	W. G. Andrews.	
Pollock.	Campbell.	6	13.2	41	15†	— 27	9	42	0.45	0.23	0.55	3.1	6	12	10	nw.	J. H. Jones.		
Rapid City.	Pennington.	3,251	24	26.0 + 2.5	53	14	— 15	3	71	+ 0.23	0.55	12	7	10	17	nw.	U. S. Weather Bureau.		
Redfield.	Spink.	1,295	14	13.8 + 1.5	48	23	— 25	10	55			12	0	17	nw.	A. S. Hall.			
Rochford.	Pennington.	5,228	2							0.62	0.50	9.5	3	16	6	nw.	Mrs. M. E. Dellenbaugh.		
Rosebud.	Todd.	2,600	18	25.6 + 4.0	48	14†	— 7	41	40	0.88	+ 0.22	0.50	8.5	5	16	6	sw.	W. M. Ege.	
Roslyn.	Day.	6	12.6		42	23	— 25	3	30	0.07		0.05	0.7	2	9	8	12	nw.	O. O. Floren.
Selby.	Walworth.	4	17.0		44†	23	— 22	3†	37*	0.12		0.12	2.0	1	11	6	12	nw.	Miss Gertrude Hall.
Sioux Falls.	Minnehaha.	1,400	21	18.9 + 3.1	50	18	— 20	3	38	0.08	— 0.57	0.06	2	11	9	9	nw.	J. H. Bechtold.	
Sorom.	Perkins.	1	21.6		46	11	— 21	3	44	0.28		0.29	3.3	3	14	6	nw.	M. S. Eberhart.	
Spearfish.	Lawrence.	3,647	22	26.0 + 3.3	46	15	— 16	3	46	0.60	— 0.24	0.20	6.0	5	18	4	w.	A. E. Johnson.	
Stephan.	Hyde.	1,840	8	26.0	47	23	— 21	3	47	0.10		0.05	2.0	2	13	5	11	nw.	Rev. A. Mattingly.
Tama.	Meade.	3	23.9		45	15†	— 18	3	43					7	21	1	nw.	Monte Frank.	
Timber Lake.	Dewey.	2,163	17.6		41	14	— 22	3	31	0.10		0.10	2.5	1	16	8	5	nw.	R. T. Halihan.
Tyndall.	Bonhomme.	1,418	15	23.0 + 3.9	55	17	— 19	3	30	0.08	— 0.38	0.08	2.0	1	12	5	nw.	F. F. Chladek.	
Vale.	Butte.	2,765	4	26.6	49	18	— 11	3†	44	0.37		0.28	2.0	3	10	15	4	nw.	U. S. Reclamation Service.
Vermillion.	Clay.	1,222	11	21.4 + 0.8	50	17	— 14	9	31	0.55	— 0.33	0.25	4.0	3	13	3	nw.	Prof. E. C. Perisho.	
Waters Ranch.	Lawrence.	4,000	2							0.52		0.22	7.9	7	9	6	14	nw.	George Waters.
Watertown.	Codington.	1,735	18	13.8 + 1.1	39	16	— 22	10	56	0.35	— 0.20	0.15	2.5	3	7	10	12	nw.	Robert Q. Wood.
Wentworth.	Lake.	19	17.0	+ 3.2	47	23	— 20	3	36	0.02	— 0.28	0.05	2.2	4	14	7	8	nw.	R. C. Zimmerman.
Wessington Springs.	Jerauld.	1,410	12															Mrs. N. J. Dunham.	
White Lake.	Aurora.	1,646	3															Mrs. G. A. Rogers.	
Yankton.	Yankton.	1,234	38	21.2 + 3.0	51	17	— 18	3	30	0.46	— 0.15	0.22	8.5	4	10	7	12	nw.	U. S. Weather Bureau.
<i>Minnesota.</i>																			
Pipestone.	Pipestone.	1,710	11	14.5 — 0.9	45	17†	— 22	3	42	T.	— 0.46	T.	0	8	8	13	nw.	A. L. Doan.	
<i>Colorado.</i>																			
Akron.	Washington.	4,650	10							0.64	+ 0.03	0.35	25.0	4	0	19	w.	Ira M. Barnhouse.	
Albion Lake.	Boulder.	10,500	2							6.42		1.50	88.0	14	10	12	6	sw.	Fred R. Duncan.
Arriba.	Lincoln.	5,243	6	27.6	53	16	— 7	4	42	1.70		0.73	10.0	3	12	11	6	n.	C. A. Creel.
Auldhurst.	Teller.	8,500	2							1.25		0.35	15.2	9	4	12	13	n.	Mrs. Alice A. Auld.
Bennett (near).	Arapahoe.	5,484	4															O. H. Wangelin.	
Boulder.	Boulder.	5,347	16															W. P. Davis.	
Burlington.	Kit Carson.	4,160	9	30.1	53	16†	— 3	4	41	0.80		0.50	8.0	5	28	26	6*	nw.	Harriet M. Cassell.
Cassells.	Park.	8,445	2							0.66		0.42	12.3	6	5	9	15	w.	Thos. F. Vaughan.
Castle Rock.	Douglas.	6,220	20	27.3 — 1.1	55	15	— 15	20	50	1.29	+ 0.56	0.63	23.5	10	16	0	13	ne.	J. G. Thorburn.
Cheeseman.	Jefferson.	6,890	9	26.2	57	7	— 11	20	57	1.81		0.60	12.5	10	1	25	3	n.	J. W. Adams.
Cheyenne Wells.	Cheyenne.	4,279	20	20.8 + 0.7	55	16	— 2	4	41	1.53	+ 1.10	1.00	10.5	5	17	5	7	n.	A. A. Williams.
Cope.	Washington.	11,660	5	5.7	21	7	— 12	25	22	7.91		0.96	84.0	16	10	4	19	w.	U. S. Weather Bureau
Corona.	Grand.	15	30.6 + 2.1	73	16	— 12	29	46	2.46	+ 1.93	1.00	24.4	6	9	13	7	n.	Do.	
Denver.	Denver.	5,272	40	30.0 — 1.1	56	17	— 8	29	39	1.34	+ 0.85	0.56	22.1	10	4	15	8	s.	Dr. N. P. Levin.
Edgewater.	Jefferson.	5,450	4	29.0	57	16	— 15	29	46	0.89		0.87	13.0	2	15	8	6	n.	G. H. Thomson.
Estes Park Fish Hatch.	Larimer.	8,000	3							1.35		0.40	27.0	9	0	8	21	nw.	Colorado Agricultural College.
Fort Collins.	Weld.	4,985	33	25.9 — 0.7	56	2†	— 16	4	47	1.05	+ 0.97	0.93	23.0	8	16	11	8	nw.	R. W. Benedict.
Fort Lupton.	Weld.	4,907	2							1.37		0.51	16.0	7	11	14	4	nw.	Della M. Scott.
Fort Morgan.	Morgan.	4,319	14	26.6 — 1.9	57	14	— 24	29	47	0.92	+ 0.64	0.60	18.5	3	3	11	14	nw.	C. W. Barry.
Frances.	Boulder.	9,300	7	19.5	44	14	— 3	4	30	3.01		0.75	42.4	13	5	20	4	w.	Norman W. Fry.
Frys Ranch.	Larimer.	7,500	2	24.8	50	7	— 10	4	46	1.02		0.46	23.5	5	10	13	6	w.	H. L. Corbett.
Georgetown.	Clear Creek.	8,530	10							0.99	+ 0.41	0.21	16.0	10	4	16	9	n.	Nelson Reynolds.
Greeley.	Weld.	6,649	28	2.2 + 0.8	60	16	— 14	4	45	0.90	+ 0.51	0.47	14.0	8	10	13	6	ne.	D. M. Porter.
Grover (near).	Park.	5,076	8	27.4	54	7†	— 11*	4†	36*	1.60		1.20	8.0	3	4	10	15	nw.	Emily Kleintinech.
Hartsell.	Boulder.	8,892	3							0.16		0.10	3.9	3	9	5	15	w.	B. E. Chesebro.
Hawthorne.	Boulder.	6,000	3							2.30		1.25	42.2	9	6	17	6	n.	A. C. Canble.
Holyoke (near).	Phillips.	3,745	16							0.82	+ 0.46	0.57	8.5	4	11	9	9	w.	J. J. Willis.
Idaho Springs.	Clear Creek.	7,543	12	27.5 — 2.4	53	14	— 4*	29	38*	1.10	+ 0.71	0.42	26.5	7	7	10	12	w.	L. S. Griffin.
Keota.	Weld.	4,966	1							0.79		0.60	9.8	6	11	8	10	nw.	P. A. Taft.
Laporte.	Larimer.	5,053	21							2.04	+ 1.30	1.17	27.2	5	7	12	14	nw.	Chas. Green.
Leroy (near).	Logan.	4,380	23							0.50		0.50	20.0	6	7	11	11	ne.	Great Western Sugar Co.
Longmont.	Boulder.	4,950	11	24.8 — 3.0	56	16	— 19	28	52	1.32		0.50	16.0	4	8	14	12	nw.	Enos A. Mills.
Longs Peak (near).	Larimer.	8,600	15	16.6 — 6.7	41	7	— 23	21	43	2.51	+ 1.70	1.17	36.0	8	3	14	12	nw.	Chas. A. Chapman.
Moraine.	Jefferson.	7,775	22	23.1 — 1.0	47	7	— 13	4	45	1.22	+ 0.15	0.75	16.0	4	4	21	4	nw.	Denver Union Water Co.
Platte Canon.	Jefferson.	5,492	13							1.04	+ 0.49	0.97	25.8	6	13	13	3	nw.	Miss Guilla Sivers.
St. Cloud.	Larimer.	7,750	9							1.20		0.54	23.5	6	13	13	3	nw.	Edwin Lewis, M. D.
Sedgwick.	Sedgwick.	3,539	4	28.5	58	14	— 15	29	39	1.28		0.33	14.9	8	3	22	4	nw.	Chas. F. Deininger.
Sill Mine.	Jackson.	8,700	2							0.88		0.50	10.1	6	4	11	14	sw.	Frank W. Murphy.
Spicer (near).	Logan.	3,892	3	29.6	57	14	— 20	29	50	0.26		0.13	8.4	5	4	21	nw.	Great Western Sugar Co.	
Sterling.	Larimer.	5,206	9	28.8	58	16	— 13*	29	45*	1.51		1.10	23.0	4	7	10	12	nw.	P. H. Boothroyd.
Waterdale.	Yuma.	3,512	16	30.0 + 0.1	55	14†	— 13	29	47	1.20	+ 0.65	0.30	10.5	7	5	15	9	w.	J. C. Tuomey.
Wray.	Yuma.	4,138	21							0.86	+ 0.18	0.57	11.0	5					

TABLE 1.—*Climatological data for February, 1912. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.			Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	
<i>Nebraska—Continued.</i>																			
Bloomfield.	Knox.	6	21.1	53	17	- 20	3	35	0.55	+ 0.12	0.30	5.5	3	3	21	5	sw.	Dr. L. C. Bleick.	
Bradshaw.	York.	1,715	13	27.0	+ 2.3	52	15†	- 8	4	39 <sup>a</sup>	1.24	+ 0.72	1.02	4.2	4	4	19	6	E. C. Roggy.
Bridgeport.	Morrill.	3,658	15	28.2	+ 2.8	56	14†	- 8	3	46	0.20	- 0.32	0.10	2.0	3	10	7	nw.	R. H. Willis.
Broken Bow.	Custer.	2,477	15	28.2	+ 2.8	56	14†	- 8	3	46	1.70	-	0.80	14.2	5	9	13	nw.	C. B. & Q. R. R. Co.
Bruning.	Thayer.	1,583	1															Henry Middendorf.	
Burge.	Cherry.	2,674	6	23.8		50	15†	- 15	3	47	0.25	-	0.25	4.0	1	12	5	n.	H. A. Davis.
Butte.	Boyd.	5	25.1	55	14†	- 17	3	33	0.22	-	0.22	2.0	1	9	16	4	nw.	W. Whitta.	
Cairo.	Hall.	1,951	3								1.07	-	0.80	8.5	3				Elliott Harrison.
Callaway.	Custer.	2,555	5	30.7		57	17†	- 1	3	39	0.97	-	0.50	5.3	6	11	7	nw.	J. H. Evans.
Cambridge.	Furnas.	2,258	19	22.6	- 0.2	52	17	- 12	4	33	2.19	+ 1.39	1.24	16.5	4	9	7	nw.	Chas. Jensen.
Columbus.	Platte.	1,442	23	23.8	+ 1.3	45	17	- 11	3	29	1.45	+ 0.51	0.50	10.2	7	7	9	nw.	A. L. Rush.
Cozad.	Dawson.	2,496																A. A. Luttin.	
Creighton.	Knox.	1,600																C. L. Cherry.	
Crete.	Saline.	1,368	29	26.2	+ 1.6	49	18	- 6	31	26 <sup>a</sup>	1.94	+ 1.05	1.53	18.2	3	11	4	n.	Doane College.
Culbertson.	Hitchcock.	2,565	3	22.0		47	17	- 15	4	48 <sup>a</sup>	0.95	-	0.30	12.0	6	4	13	nw.	J. H. Corrick.
Curly.	Sioux.																	A. E. Hann.	
Curtis.	Frontier.	2,553	14	31.3	+ 5.0	56	17	- 2	3	42	0.85	-	0.30	12.0	6	12	13	nw.	Dr. S. R. Razee.
David City.	Butler.	1,619	23	23.8	+ 1.3	45	17	- 11	3	29	1.45	+ 0.51	0.50	10.2	7	7	9	nw.	S. Clingman.
Du Bois.	Pawnee.	1,074	7								2.63	-	1.65	22.8	5	7	6	nw.	O. M. Backus.
Dumas.	Garfield.																	Emile Raes.	
Ellis.	Gage.	1,430	6								1.40	-	0.90	14.0	2				D. J. Wood.
Elm Creek.	Buffalo.	2,268	4								1.47	-	0.64	4					E. L. Sutton.
Ericson (near).	Perkins.	3,382	20								0.85	-	0.56	5					J. F. Brittain.
Ewing.	Garfield.	2,029	20								0.30	- 0.42	0.22	2.8	4				G. II. Benson.
Fairbury.	Holt.	1,888	20	22.4	+ 0.6	55	17	- 10	3	36	0.30	- 0.30	0.20	3.0	2				Dr. J. C. Yntzy.
Fairmont.	Jefferson.	1,316	37	27.2	+ 0.6	52	17†	- 4	4	34	2.70	+ 1.78	1.60	23.0	5	4	18	nw.	W. F. Cramb.
Falls City.	Fillmore.	1,641	18	24.6	+ 1.1	50	17	- 8	4	31	1.69	+ 0.78	0.64	10.5	4	15	0	s.	C. B. & Q. R. R. Co.
Fort Robinson.	Richardson.	898																Post Surgeon.	
Franklin.	Dawes.	3,764	29	21.1	- 2.0	47	14†	- 20	4	45	0.48	- 0.09	0.16	4.6	9	13	7	nw.	A. R. Peck.
Fremont.	Franklin.	1,820	30	30.2	+ 3.6	57	17	- 4	4	44	2.40	+ 1.74	1.40	8.2	4	6	15	n.	Ernest Hahn.
Fullerton.	Dodge.	1,203	31	21.5	- 0.4	47	23	- 12	4	43	1.15	+ 0.18	0.50	11.5	4	8	8	nw.	Dr. F. W. Johnson.
Geneva.	Nance.	1,629	11	25.3		53	17	- 10	3	32	0.96	- 0.05	0.60	8.0	3	14	5	nw.	F. M. Flory.
Genoa.	Fillmore.	1,633	22	27.2	+ 1.8	51	17	- 6	3	32	1.47	+ 0.37	0.45	13.5	5	9	7	nw.	F. W. Parsons.
Gordon.	Nance.	1,584	37	25.2	+ 2.5	51	17	- 8	3	28	1.10	+ 0.30	0.80	10.0	3	8	10	nw.	G. F. Williams.
Gosper.	Sheridan.	3,550	10	24.4		48	11†	- 15	4	43 <sup>a</sup>	0.40	+ 0.17	0.25	1.0	2	17	8	nw.	E. H. Stoll.
Gothenburg.	Gosper.	9									1.12	-	0.70	3.5	4	10	8	nw.	Dr. W. J. Bartholomew.
Grand Island.	Dawson.	2,557	17	31.1	+ 4.9	59	14	- 4	3	43	0.80	- 0.03	0.35	3.0	6	7	4	nw.	Bert Gregg.
Grant.	Hall.	1,860	21	27.0	+ 2.0	50	17	- 8	3	31	0.91	+ 0.16	0.50	7.5	4	10	5	nw.	Cyrus Carver.
Greeley.	Perkins.	3,405	9	28.5		52	17†	- 5	3	35 <sup>a</sup>	1.40	-	0.30	7.0	8	6	14	nw.	W. E. Morgan.
Guide Rock.	Greeley.	2,021	18	25.4		54	17	- 5	4	35	0.79	+ 0.18	0.50	7.6	5	2	23	nw.	J. S. Marsh.
Halsey.	Webster.	1,646	11								1.22	+ 0.23	0.80	12.2	4	3	10	nw.	A. Kadlecak.
Hebron.	Thomas.	2,695	10	28.1		54	14	- 19	4	43	0.65	+ 0.20	0.37	4.9	7	11	3	nw.	U. S. Forest Service.
Hemingford.	Cedar.	1,309	21	22.0	+ 2.9	51	17	- 18	3	34	0.62	- 0.38	0.50	6.2	3	5	9	nw.	D. E. Ewing.
Holdrege.	Clay.	1,812	24	24.6	+ 1.2	52	18	- 10	3	40 <sup>b</sup>	1.55	+ 0.67	0.70	11.3	4	11	5	nw.	C. A. Read.
Hastings.	Adams.	1,932	21	25.8	+ 0.8	55	17	- 7	4	35	1.18	+ 0.13	0.65	10.2	4	7	9	nw.	A. Kadlecak.
Hay Center.	Hayes.	18	30.0								2.05	+ 0.89	0.80	9.0	7	17	7	nw.	Dr. C. M. Easton.
Hay Springs.	Sheridan.	3,821	27	26.2	+ 4.1	47	14	- 11	3	37	0.35	- 0.33	0.10	3.5	6	8	11	nw.	A. S. Enyeart.
Hebron.	Thayer.	1,458	27	27.0	+ 0.6	54	17	- 3	3	37	1.67	+ 0.88	0.71	14.0	5				T. L. Jones.
Hillside.	Boxbutte.	4,256	3								0.50	-	0.18	8					G. F. Palmer.
Hinsdale.	Furnas.	2,231	8								0.78	-	0.40	4.0	5				Mrs. M. R. Lloyd.
Hershey.	Lincoln.	2,902	1								0.63	-	0.21	1.5	6	15	3	nw.	C. B. & Q. R. R. Co.
Holdrege.	McPherson.	3,484	3	27.4		56	14	- 11	21	43	0.73	-	0.50	7.8	9	9	8	nw.	Dr. W. H. Heine.
Hooper.	Phipps.	2,324	21	28.4	+ 1.4	52	11	- 3	4	33	1.12	+ 0.21	0.60	8.2	7	10	5	nw.	Mrs. W. P. Miller.
Hulf (near).	Dodge.	1,228	15	22.0	+ 0.4	49	24	- 15	3	35	1.27	+ 0.34	0.60	11.7	6	14	7	nw.	Robert Malcolm.
Imperial.	Banner.	1									2.04	-	1.15	18.0	7	12	3	nw.	City Engineer.
Imperial.	Chase.	3,278	21	29.0	+ 1.6	52	14†	- 10	29	38	1.08	+ 0.36	0.67	8.8	7	4	13	nw.	F. J. Bellows.
Kearney.	Buffalo.	2,146	22	30.8	+ 5.3	59	7	- 1	4	44	0.72	- 0.09	0.40	7.2	3	13	7	nw.	Mrs. C. Arter.
Kimball.	Kimball.	4,697	21	25.9	- 1.0	50	16	- 11	3	46	0.75	+ 0.06	0.30	7.5	7	7	16	nw.	Geo. W. Hulse.
Kirkwood.	Rock.	17	25.2	+ 3.5	56	13†	- 8	3	30 <sup>a</sup>	0.30	- 0.32	0.10	3.0	6	5	9	15	nw.	James McGaughy.
Kowanda.	Garden.	4									0.79	-	0.24	8					Robert Chadwick.
Lamar.	Chase.	1									0.67	-	0.30	5.2	5	12	5	nw.	U. S. Weather Bureau.
Lexington.	Dawson.	2,385	23	31.2	+ 5.1	56	17	- 4	3	47	0.53	- 0.30	0.33	3	15	0	14	se.	Harriet Hayhurst.
Lincoln.	Lancaster.	1,189	24	27.4	- 0.1	51	17	- 7	3	33	1.31	+ 0.61	0.74	14.3	7	2	11	nw.	R. T. Kidney.
Lodgepole.	Cheyenne.	3,820	14	27.0	+ 1.5	48	14	- 9	29	40	1.62	+ 1.02	0.50	9.0	7	12	6	nw.	Harriet Hayhurst.
Loup City.	Sherman.	2,067	26	27.7	+ 2.4	55	16	- 10	3	44	1.10	-	0.40	6.0	5	9	0	nw.	C. H. Cass.
Loyal.	Custer.	2									0.24	- 0.35	0.11	3.0	3	14	7	nw.	C. G. Cogizer.
McCook.	Redwillow.	2,506	17	30.0	+ 2.2	56	17	- 2	4†	38	1.44	+ 0.79	0.60	13.0	5				L. L. Slagle.
McCool Junction.	York.	1,575	15								0.30	- 0.23	0.20	2					Dr. F. A. Long.
Madison.	Madison.	1,585	19	22.0	0.0	43	17†	- 15	3	29 <sup>a</sup>	0.80	- 0.03	0.40	8.0	3	10	5	14	se.
Marquette.	Hamilton.	1,830	32								1.24	+ 0.49	0.60	9.0	3				John Ellis.
Mary.	Brown.	1									0.78	-	0.28	4.0	9	6	17	nw.	G. C. Stuft.
Mason City.	Custer.	2,257	13								0.30	-	0.23	2.0	2				J. A. Amsberry.
Minatare.	Scotts Bluff.	3,825	1			</													

TABLE 1.—*Chimatological data for February, 1912. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, uncorrected.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>Nebraska—Continued.</i>																					
St. Paul.....	Howard.....	1,790	17	26.8	+ 1.0	54	17	- 9	3	35	0.32	- 0.33	0.30	3.0	2	12	12	5	nw.	Paul Anderson.	
Santee.....	Knox.....	2,339	24	24.6	+ 4.6	55	15†	- 18	3	33	0.15	- 0.55	0.15	1.5	1	16	7	6	se.	Nat H. Neff.	
Sargent.....	Custer.....	1,339																	J. L. Ferguson.		
Schuyler.....	Colfax.....	1,357																	J. T. Sumner.		
Scottsbluff.....	Scotts Bluff.....	3,888	6	28.0	-	52	15†	- 10	29	41	0.98	-	0.65	8.3	10	13	7	9	nw.	A. B. McCoskey.	
Seward.....	Seward.....	1,435	22	23.7	- 1.2	52	17	- 8	2	30	1.40	+ 0.41	0.60	12.5	5	7	20	2	nw.	C. B. & Q. R. Co.	
Sidney.....	Cheyenne.....	4,090	21								1.07	+ 0.43	0.50	15.0	12	17	8	4	nw.	John P. Fischer.	
Springview.....	Keyapaha.....	18	25.8	+ 3.8	54	16	- 17	3	39	0.50	- 0.18	0.20	5.0	3	7	11	11	nw.	C. L. Phelps.		
Stanton.....	Stanton.....	1,472	20	21.1	+ 0.4	44†	18	- 15	3	34*	1.10	+ 0.26	0.55	11.0	5	7	19	3	nw.	Alfred Pont.	
Stratton.....	Hitchcock.....	2,804	17																Miss Stella Vennum.		
Superior.....	Nuckolls.....	1,574	25																F. V. Bishop.		
Syracuse.....	Otoe.....	1,059	19	24.7	+ 0.4	50	17†	- 11	29	44	2.50	+ 1.26	1.30	25.0	3	11	11	11	nw.	W. N. Hunter.	
Table Rock.....	Pawnee.....	1,023	24																E. D. Howe.		
Tecumseh.....	Johnson.....	1,113	31	25.2	- 0.1	52	17	- 12	29	46†	2.30	+ 1.19	1.80	23.0	3	5	10	14	nw.	F. B. Thurber.	
Tekamah.....	Burt.....	1,060	21	21.6	- 0.8	46	17†	- 12	3	36	0.95	- 0.11	0.50	8.0	3	4	16	9	nw.	Dr. A. D. Nesbit.	
Tobias.....	Saline.....	1,597	3																Frank Ainsworth.		
University Farm.....	Lancaster.....	24	25.4	+ 0.2	49	17	- 7	3	35	1.31	+ 0.24				5	14	10		S. W. Perin.		
Valentine.....	Cherry.....	2,613	23	24.0	+ 2.8	52	17	- 14	3	36	0.34	- 0.26	0.31	3.4	3	6	21	2	nw.	U. S. Weather Bureau.	
Wahoo.....	Saunders.....	1,187	9																W. T. Mauck.		
Wakefield.....	Dixon.....	1,387	18	20.4	+ 0.6	55	16	- 17	3	42	0.93	+ 0.02	0.50	9.3	3	10	8	11	nw.	I. H. Weaver.	
Walhill.....	Thurston.....	11	18.0																A. P. Coleman.		
Watertown.....	Buffalo.....	2,299	6																R. E. Swift.		
Wauneta.....	Chase.....	13																	C. D. Fuller.		
Weeping Water.....	Cass.....	1,080	34	24.0		50	23	- 17	29	47	2.05	+ 1.00	1.15	24.4	5	11	4	14	nw.	S. W. Orton.	
Westpoint.....	Cuming.....	1,313	26	23.6	+ 1.6	46	17†	- 14	3	39	0.50	- 0.23	0.50	5.0	1	14	9	6	n.	J. C. Elliott.	
Wisner.....	do.....	1,380	15																F. C. Evans.		
York.....	York.....	1,633	21	26.1	+ 0.7	53	17	- 7	3	42	1.32	+ 0.50	0.60	12.0	7	7	13	9	nw.	A. T. Giauque.	
<i>Iowa.</i>																					
Afton.....	Union.....	1,212	18	21.0	- 1.0	46	23	- 10	4	33	2.68	+ 1.73	1.60	26.0	5	4	13	12	nw.	N. W. Rowell.	
Allerton.....	Wayne.....	10	21.1	- 0.6	51	23	- 10	38	38	1.53	+ 0.19	1.05	14.4	5	14	4	11	nw.	Mrs. Geo. Shriver.		
Alton.....	Siouxs.....	1,305	7	16.9		40	16†	- 20	9	33	0.50		0.30	5.0	4	13	11	5	nw.	W. S. Slagle.	
Atlantic.....	Cass.....	1,184	21	19.2	- 1.6	47	23	- 13	9	35	1.74	+ 0.69	0.70	16.5	8	3	6	20	sw.	Thos. H. Whitney.	
Audubon.....	Audubon.....	1,301	18	18.3	- 0.8	40	23	- 11	3	32	1.14	+ 0.35	0.45	11.3	5	12	4	13	nw.	Geo. E. Kellogg.	
Bedford.....	Taylor.....	12	20.4	- 0.3	43	23	- 11	4	37	2.63	+ 1.59	1.50	30.0	6	10	7	12	nw.	E. E. Healy.		
Centerville.....	Appanoose.....	2	20.9		52	23	- 10	3‡	32	2.63		1.60	24.0	5	24	3	2	nw.	Gordon Peacock, Jr.		
Chariton.....	Lucas.....	1,042	17	19.0	- 3.2	47	23	- 11	4	37	1.80	+ 0.77	1.10	13.0	3	11	9	9	sw.	C. C. Burr.	
Clarinda.....	Page.....	1,009	22	20.0	- 2.6	48	23	- 10	4	40	2.74	+ 1.74	1.68	33.5	6	2	15	12	nw.	A. S. Van Sandt.	
Corning.....	Adair.....	1,117	20	19.2	- 2.7	45	26	- 12	3‡	33	2.40	+ 1.52	1.20	24.0	3	15	2	12	nw.	Jerome Smith.	
Corydon.....	Wayne.....	1,101	19	21.2	- 1.0	51	23	- 10	4	32	1.71	+ 0.39	1.14	20.5	6	4	16	9	nw.	May C. Miller.	
Council Bluffs.....	Pottawattamie.....	1,220	2	20.6		48	23	- 10	3	43	3.10		1.60	31.0	6	4	14	11	nw.	B. W. Crossley.	
Creston.....	Union.....	1,312	7	17.5		46	23	- 12	4	40	1.39		0.57	13.0	5	12	3	14	nw.	O. J. Colby.	
Cumberland.....	Cass.....	13																	J. H. Reppert.		
Denison.....	Crawford.....	1,180	18	18.1	- 1.0	43	23	- 20	9	34	0.52	- 0.34	0.30	5.2	3	9	8	12	n.	W. C. Van Ness.	
Elliott.....	Montgomery.....	7	21.8																C. H. Westrop.		
Greenfield.....	Adair.....	20	17.9	- 2.7	42	18†	- 13	2	34	1.98	+ 0.97	1.45	19.0	3	10	12	7	nw.	R. B. Oldham.		
Harlan.....	Shelby.....	1,182	13	18.3	+ 0.7	44	23	- 14	9	35	0.97	+ 0.12	0.35	9.5	4	4	13	12	nw.	C. A. Reynolds.	
Indow.....	Lyon.....	1,474	8	17.6		45	17	- 24	9	42	0.04		0.04	0.5	1	13	8	8	nw.	F. B. Hanson.	
Lamoni.....	Decatur.....	1,120	5	21.8		50	23	- 11	4	32	2.32		1.66	24.5	5	14	0	15	nw.	T. J. Fitzpatrick.	
Larrabee.....	Cherokee.....	1,266	22	16.2	- 1.6	39	16†	- 19	2	36									nw.	R. C. Carnahan.	
Le Mars.....	Plymouth.....	1,224	16	18.8	+ 2.3	40	18	- 19	9	32	0.43	- 0.29	0.24	4.0	4	6	14	9	nw.	G. A. Clarke.	
Lenox.....	Taylor.....	1,250	17	20.2	- 1.5	43	23	- 13	4	33	3.25	+ 2.41	1.65	31.0	6	13	5	11	nw.	J. L. Hurley.	
Leon.....	Decatur.....	1,120	10	20.5	- 1.4	45	23	- 11	4	34	2.08	+ 0.94	1.18	23.5	5	6	8	15	nw.	Morris Gardner.	
Little Sioux.....	Harrison.....	7	21.2																nw.	Geo. H. Gibson.	
Logan.....	Logan.....	928	45	19.3	- 3.6	45	17	- 13	9	36	0.80	- 0.40	0.35	4.0	6	13	11	6	nw.	Glenn H. Stern.	
Mount Ayr.....	Ringgold.....	1,236	19	21.2	- 1.3	46	18	- 12	4	33	2.19	+ 1.02	1.37	26.0	6	5	13	11	nw.	A. F. Beard.	
Murray.....	Clarke.....	21	19.7	- 2.3	45	23	- 10	3‡	35	2.00	+ 1.21	1.00	5.0	2	18	9	9	nw.	N. T. Ashley.		
Northboro.....	Page.....	1,014	23	24.4	- 4.4	48	19†	- 7	3‡	33	3.04		2.00	32.5	6	10	8	11	nw.	J. M. Darby.	
Odebow.....	Monona.....	15	18.6	+ 0.2	43	23	- 15	9	39	0.47	- 0.40	0.27	5.0	2	9	14	6	n.	E. Starner.		
Onawa.....	Mills.....	1,051	12	21.7	+ 0.7	46	17	- 10	10	3‡	30	1.64	+ 0.65	0.97	14.5	6	10	11	8	n.	C. G. Perkins.
Pacific Junction.....	Rock Rapids.....	980	13	22.6	+ 3.0	52	23	- 8	3‡	37	2.37	+ 1.77	1.70	23.7	5	5	20	4	n.	H. H. McCartney.	
Rock Rapids.....	Lyon.....	1,358	13	17.2	+ 0.6	38	10†	- 20	9	30	0.05	- 0.31	0.05	0.5	1	9	12	8	n.	W. C. Wyckoff.	
Sheldon.....	O'Brien.....	1,422	12																Dr. A. W. Beach.		
Sibley.....	Osceola.....	1,212	19	14.4	- 0.6	44	17	- 19	2‡	53	0.18	- 0.29	0.10	1.7	3	9	11	9	nw.	H. O. Doolittle.	
Sioux Center.....	Sioux City.....	13	17.5	+ 1.1	38	18†	- 18	3	31	0.52	- 0.18	0.20	5.2	6	13	1	15	nw.	J. de Ruyter.		
Sioux City.....	Woodbury.....	1,135	23	19.3	- 0.5	43	17	- 17	3	38	0.98	+ 0.43	0.60	10.3	9	12	6	11	nw.	U. S. Weather Bureau.	
Spencer.....	Clay.....	2	18.4		44	14†	- 20	2	40	0.40			4.0						s.	S. Gillespie.	
Thurman.....	Fremont.....	15	22.2	+ 0.7	48	23	- 20	3‡	44	2.55	+ 1.22	1.70	29.0	5	5						

TABLE 1.—Climatological data for February, 1912. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.				
				Mean.			Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.			
						Departure from the normal.														
<b>Kansas—Continued.</b>																				
Gove.	Gove.	2,750	23	28.0	57	10	-2	4	38	2.41	+ 1.45	1.17	23.2	5	16	3	10	n.		
Hanover.	Washington.	1,225	15	29.0	+ 2.4	55	17	-2	31	3.15	+ 2.23	2.14	17.8	5	10	7	12	n.		
Harrison.	Jewell.	1,804	11	29.0	+ 3.5	59	18	-2	29	4.98	+ 1.13	0.90	18.0	4	10	14	5	s.		
Hays.	Ellis.	2,000	44	31.6	+ 3.5	59	18	-2	29	4.98	+ 1.13	0.90	18.0					C. A. G. Inlow.		
Hill City.	Graham.	2,134	4															Mrs. S. C. Belden.		
Horton.	Brown.	1,188	23	26.4	-0.9	48	16	-5	4	36	2.40	+ 1.23	1.50	19.0	7	9	3	17	nw.	
Hoxie.	Sheridan.	2,700	14	32.0	+ 3.4	56	17	-1	29	3.7	+ 0.68	0.60	11.0	6	3	20	3	nw.		
Jewell.	Jewell.	1,540	7															I. A. Vinson.		
Lawrence.	Douglas.	997	44	27.7	-2.4	55	16	-2	4	32	0.59	-0.94	0.50	5.8	3	10	11	8	nw.	
Leavenworth.	Leavenworth.	913	68	26.1	-5.5	55	16	-5	5	27	1.31	-0.06	0.80	6.8	5	18	3	8	ne.	
Lebanon.	Smith.	1,812	14	29.2	+ 1.2	52	17	-2	3	39	0.88	+ 0.15	0.60	8.2	7	19	0	10	n.	
Leoti.	Wichita.	3,300	9	32.0		58	16	-12	47	37	1.08		0.80	7.0	4	13	8	8	n.	
Lincoln.	Lincoln.	1,374	32.4			59	17	1	23	39	4.76		2.17	28.3	5	12	7	10	nw.	
Lindsborg.	McPherson.	1,333	6															R. E. Long.		
McCracken.	Rush.	2,139	32.9			60	18	1	29	37	2.57		1.20	20.0	6	11	6	12	sw.	
Minneapolis.	Ottawa.	1,259	22	30.6	+ 2.6	54	10†	2	4	33	1.80	+ 0.60	1.20	15.0	2	8	5	16	s.	
Moran.	Allen.	1,098	16	30.7	+ 0.9	62	18	-1	4	37	1.72	+ 0.17	0.85	7.0	4	9	10	10	nw.	
Natoma.	Osborne.	1,834	3															C. O. Hunt.		
Norton.	Norton.	2,284	14	30.8	+ 3.4	55	17	-2	3	35	2.13	+ 1.42	1.40	9.0	6	9	14	6	nw.	
Oberlin.	Oberlin.	2,532	25	24.4		51	17	-3	31	2.61		1.58	+ 0.72	0.74	9.2	9	12	7	10	nw.
Okteto.	Marshall.	1,194	4															J. A. Huber.		
Olafate.	Johnson.	1,032	17	28.3	-1.3	55	16†	-4	4	38	1.48	-0.06	0.90	13.2	5	6	8	15	nw.	
Osage City.	Osage.	1,081	13	28.4	-1.9	57	16	-2	4	37	0.82	-0.49	0.60	9.2	4	16†	1d	8†	n.	
Ottawa.	Franklin.	926	18	29.4	-0.3	57	16	-1	4	41	1.42	-0.11	1.15	8.5	5	7	12	10	s.	
Phillipsburg.	Phillips.	1,939	21	32.0	+ 5.0	57	17	1	3	44	1.82	+ 0.97	0.80	10.5	5	12	7	10	nw.	
Plainville.	Rooks.	2,156	6															P. D. Spellman.		
Pleasanton.	Linn.	362	10	28.8	-2.8	57	18	-2	4	35	2.21	+ 0.59	1.14	7.8	6	15	5	9	n.	
Republic.	Republic.	1,495	9			57	17											J. W. Ambrose.		
Russell.	Russell.	1,834	13	31.2	+ 0.5	58	17	-2	29	35	2.86	+ 2.18	1.86	27.0	5	10	5	14	nw.	
Russell Springs.	Logan.	2,322	3															Robert Brebner.		
St. Francis.	Cheyenne.	3,288	4	31.0		54	14†	0	4	40	1.12		0.61	10.2	5	9	11	9	nw.	
Salina.	Saline.	1,227	28	30.1	+ 1.6	54	18	-1	29	32	2.07	+ 1.26	1.50	18.5	4	7	7	15	n.	
Scott.	Scott.	2,971	6	33.0		59	15	3	4	36	3.30		1.82	17.0	6	13	8	8	n.	
Smith Center.	Smith.	1,800	2															W. H. Nelson.		
Topeka.	Shawnee.	997	26	28.6	-1.4	56	16	-1	3	38	1.58	+ 0.20	1.30	11.4	4	6	12	11	n.	
Valley Falls.	Jefferson.	913	13	27.4	-0.8	55	16	-5	4	44	1.23	-0.18	0.90	11.3	5	12	9	8	nw.	
Vinland.	Douglas.	880	3															Miss Nettie Maxwell.		
Wakeeney.	Trego.	2,456	29	32.2	+ 2.6	57	17	-1	29	41	1.57	+ 0.74	0.79	13.0	5	15	6	8	nw.	
Wallace.	Wallace.	3,303	42	31.3	+ 3.2	55	17	-4	4	57	1.36	+ 0.91	0.86	12.0	3	2	20	7	nw.	
Wamego.	Pottawatomie.	1,002	19															M. L. Stone.		
<b>Missouri.</b>																				
Amoret.	Bates.	850	4	29.7		61	18	-3	4	38	1.74		0.98	6.5	5	4	17	8	ne.	
Appleton City.	St. Clair.	853	23	27.6	-4.6	60	19	-4	4	34	1.09	-1.04	0.52	3.0	4	19	6	6	ne.	
Arthur.	Vernon.	767	20	31.4	+ 0.6	61	18	-2	4	38	3.04	+ 1.07	1.25	11.0	7	9	14	6	ne.	
Avalon.	Livingston.	28	23.6	-3.7	52	23	-12	4	37	2.15	-0.09	0.60	18.0	6	13	6	10	nw.		
Bethany.	Harrison.	881	23	23.4	-2.2	53	23	-9	4	38	2.05	+ 0.07	0.90	20.0	5	10	10	9	nw.	
Bolivar.	Polk.	1,070	25	30.3	-3.5	61	18	-5	4	37	3.74	+ 2.40	2.00	25.0	5	12	8	9	nw.	
Boonville.	Cooper.	600	30															A. C. Fink.		
Brunswick.	Chariton.	652	33	25.5	-2.9	54	16	-9	4	36	1.59	-0.37	0.80	10.0	7	11	0	13	nw.	
Clinton.	Henry.	800	25	30.6		60	16	-2	4	31	1.65	-0.31	1.00	1.5	4	6	15	8	nw.	
Columbia.	Boone.	784	22	26.6	-3.6	55	18	-11	4	34	1.74	-0.48	0.83	4.8	6	10	13	10	nw.	
Conception.	Nodaway.	982	28	22.8	-3.3	49	23	-11	4	34	3.50	+ 2.43	2.40	35.0	5	4	15	10	nw.	
Crocker.	Pulaski.	1,124	1	28.2		65	16	-9	4	47	3.04		1.52	27.5	6	10	6	13	w.	
Eldorado Springs.	Cedar.	750	7	30.0		60	18	-5	4	38	3.13		1.60	16.0	8	11	4	14	n.	
Fayette.	Howard.	725	29	24.6	-4.5	53	18	-10	31	33	1.67	-0.38	0.82	5.2	7	11	7	11	nw.	
Fulton.	Callaway.	818	21	26.6	-3.5	56	18	-11	4	33	1.92	-0.22	0.71	6.0	6	11b	2b	14b	nw.	
Glasgow.	Howard.	618	34															J. J. Shaughnessy.		
Grant City.	Worth.	1,130	19	22.8	-3.7	48	16†	-11	4	37	1.85	+ 0.66	0.73	17.3	4	19*	3a	5a	nw.	
Harrisonville.	Cass.	912	39	26.6	-2.9	59	18	-4	4	32	1.89	-0.21	1.31	7.8	6	9	3	17	nw.	
Hazelhurst.	Livingston.	20																W. H. Baker.		
Hermann.	Gasconade.	482	39															C. T. Mausund.		
Houston.	Texas.	1,280	20	29.4	-4.2	60	18†	-9	4	39	2.85	+ 0.39	1.00	25.0	6	6	17	6	nw.	
Jefferson City.	Cole.	628	20	24.6	-6.2	58	18	-4	4	41	1.38	-0.86	0.69	9.0	7	16	0	13	n.	
Kansas City.	Jackson.	963	24	27.8	-2.1	56	18	-4	3	33	1.65	-0.01	1.07	15.0	8	7	9	13	n.	
Kidder.	Caldwell.	1,017	23	25.2	-1.3	52	23	-2	4	32	0.64	-0.79	0.42	4.8	3	11	3	15	nw.	
Lamontone.	Fetts.	863	23	28.0		54	16†	-7	4	39	1.47	-0.55	1.10	3.1	4	9	4	14	sw.	
Lebanon.	Laclede.	1,265	25	29.6	-4.1	58	18	-6	4	35	3.20	+ 1.06	2.00	22.0	5	8	10	11	n.	
Lexington.	Lafayette.	813	31	27.0	-1.6	56	18	-7	4	34	1.35	-0.66	0.80	9.0	4	10	0	19	n.	
Liberty.	Clay.	864	24	28.2	-0.7	54	16	-5	4	36	2.24	+ 0.60	1.42	11.5	4	6	13*	9a	ne.	
Lockwood.	Dale.	1,088	10	30.6		62	18	-2	4	33	2.77	+ 0.60	1.24	19.2	6	12	5	15	n.	
Marshall.	Saline.	779	22	26.8	-1.6	53	18	-9	4	36	1.40	-0.53	0.40	9.5	7	11	8	10	nw.	
Maryville.	Nodaway.	1,160	22	21.5	-1.7	49	23	-10	4	36	3.15	+ 1.92	1.75	30.0	4	11	4	14	nw.	
Mount Vernon.	Lawrence.	1,480	33	30.8	-2.9	61	18	-4	22	43	3.84	+ 1.00	2.49	20.0	7	11	3	15	nw.	
Nevada.	Vernon.	8																		

TABLE 2.—*Daily precipitation for February, 1912. District No. 6, Missouri Valley.*

Stations.	Watershed.	Day of month.																												Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
<i>Wyoming.</i>																																
Arapahoe.	Bighorn.	T.	.16																													0.57
Barnum.	Powder.	T.	.10																												0.60	
Basin.	Bighorn.																														0.11	
Bennett.	North Platte.																															
Big Creek Station.	do																															
Burns.	South Platte.																															
Casper.	North Platte.																															
Centennial.		.02	.02																												3.98	
Cheyenne.	South Platte.		.18		T.																										1.60	
Chugwater.	North Platte.					.20																									2.60	
Clark.	Yellowstone.						T.																								0.14	
Cody.	Bighorn.							T.																							0.31	
Crazy Creek.	Yellowstone.								T.																						0.63	
Dome Lake.	Tongue.									.40																					1.40	
Douglas.	North Platte.		.03	.02							.01																			1.05		
Dubois.	Bighorn.											T.																			0.38	
Eatons Ranch.	Tongue.											.10																			2.00	
Echeta.	Powder.		1.44										.10																		1.74	
Elk Mountain.	North Platte.													.40																	5.20	
Encampment.															.07																0.21	
Ervay.	Powder.															.12															0.95	
Fort Laramie.	North Platte.		.05	.01																											1.05	
Foxpark.																																2.95
Germania.	Bighorn.		T.	.02																											0.04	
Gillette.	Powder.		.45	.15																											0.96	
Horse Creek.	Bighorn.																															
Hunters Station.	Powder.		.05																													1.00
Hyattville.	Bighorn.																															
Jireh.	Niobrara.		.75																												1.35	
Kirtley.	do		.40																												0.75	
Kirwin.	Bighorn.																															
Knowles.	Cheyenne.		.36	.11																											0.53	
Lagrange.	North Platte.		.10	.03																											0.97	
Lander.	Bighorn.																															1.74
Laramie.	North Platte.		.10																												0.79	
Leo.	do		.07																												0.91	
Lolobanna Ranch.	Yellowstone.																															0.10
Lovell.	Bighorn.																															0.02
Lusk.	Niobrara.		.30																													1.19
Manville.			.20																													0.42
Moorcroft.	Cheyenne.		.50	.50																												1.45
Moore.	North Platte.		.07																													1.39
Newcastle.	Cheyenne.		.50																													0.80
Pathfinder.	North Platte.		.02																													0.32
Pinebluff.	South Platte.		.50																													2.22
Pine Ridge.	Cheyenne.		.72																													0.85
Powell.	Bighorn.																															0.03
Rawlins.	North Platte.																															1.30
Riverton.	Bighorn.																															0.44
Rockypoint.	Powder.		.60	.20																											1.31	
Saratoga.	North Platte.		.05	.10																											0.98	
Seven Mile Creek.			T.	.30																											2.89	
Sheridan.	Tongue.		T.	.40	.22																										1.92	
Shoshone Dam.	Bighorn.																														0.11	
Soldiers Home.	Powder.																														1.60	
South Pass City.	North Platte.																														0.75	
Sundance.	Cheyenne.		.10	.10																										1.90		
Thermopolis.	Bighorn.																														1.03	
Verona.			.28	.33																										1.45		
Wheatland.	North Platte.																														1.08	
Wiants Ranch.																															0.58	
Wiley.	Bighorn.																														1.57	
Woodrock.	Tongue.		1.09	.32																										4.95		
Worland.	Bighorn.		T.	T.																											0.02	
Wyncote.	North Platte.		1.08	T.																											0.94	
Yellowstone Park.	Yellowstone.																														0.48	
Fairview Dome.																																
Fountain.	Madison.																														0.80	
Gallatin.																															0.90	
Grand Canyon.	Yellowstone.																															

TABLE 2.—*Daily precipitation for February, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for February, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for February, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for February, 1912. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																												Total.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
Nebraska—Continued.	Loup	.00																														0.30	
Ericson (near)	Elkhorn	.10	T.																													0.30	
Ewing	Blue	.08																														2.70	
Fairbury	do	T.	.20																													1.69	
Fairmont	Missouri																															0.48	
Falls City	White																															2.40	
Fort Robinson	Republican																															1.15	
Franklin	Platte	.05	.50																													0.96	
Fremont	Loup	.20																														1.47	
Fullerton	Blue	T.	.10	T.																												1.10	
Geneva	Genoa	T.	T.	.20																												0.40	
Gordon	Niobrara																															1.12	
Gosper	Republican	T.																														0.80	
Gothenburg	Platte	.10																														0.91	
Grand Island	do	.05																														1.40	
Grant	Republican	T.	.22																													0.65	
Greeley	Loup	T.	.02																													0.65	
Guide Rock	Republican	T.	.05																													1.55	
Halsey	Loup	T.	.03																													1.22	
Hartington	Missouri	T.	.02	.50																												1.18	
Harvard	Blue																															1.18	
Hastings	do	.05																														2.05	
Hayes Center	Republican	T.	.05																													0.35	
Hay Springs	White	T.	.10																													0.50	
Hebron	Blue	T.	T.	.06																												0.50	
Hemingford	Niobrara																															0.78	
Hershey	South Platte	T.	.04	.03																												0.63	
Hillside	North Platte	T.	.04																													1.12	
Holdege	Elkhorn	T.	.01	.01																												1.27	
Hull (near)	North Platte																															2.04	
Imperial	Republican	T.	.05																													1.08	
Kearney	Platte	.02																														0.72	
Kimball	South Platte	T.	.10																													0.75	
Kirkwood	Niobrara																															0.30	
Kowanda	North Platte	T.	.24																													0.79	
Lamar	Republican	T.	T.	.02																												0.67	
Lexington	Platte	T.	T.	.10	.03																											0.53	
Lincoln	do	T.	T.	.10	.17																											1.62	
Lodgepole	South Platte																															1.31	
Loup City	Loup																															1.10	
Loyal	do	.40																														1.10	
McCook	Republican																															0.24	
McCool Junction	Blue																															1.44	
Madison	Elkhorn	T.	.10	.30																												0.80	
Marquette	Blue	T.	T.	.02	.02																											1.24	
Mary	Loup	T.	T.	.05																													0.78
Mason City	do																																0.30
Minatare	North Platte																																1.30
Minden	Blue																																0.54
Mitchell	North Platte																																3.55
Mullen	Loup																																1.18
Nebraska City	Missouri																																1.07
Nelson	Blue																																1.40
Norfolk	Elkhorn	T.	.06	.12																													0.73
North Loup	Loup																																0.54
North Platte	Platte																																0.43
Oakdale	Elkhorn	T.	.12																													1.28	
Omaha	Missouri	T.	.16	.15																												1.17	
Ord	Loup																																0.65
Orleans	Republican																																0.35
Osecola	Blue																																1.32
Palisade	Republican																																2.32
Palmyra	Missouri																																2.91
Pawnee City	do																																2.30
Paxton	South Platte	T.	.01	.02																												0.83	
Plymouth	Blue																																1.17
Purdum	Loup	T.	.20																													0.70	
Ravenna	do	T.</td																															

TABLE 2.—*Daily precipitation for February, 1912. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for February, 1912. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																												Totals.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
<b>Kansas—Continued.</b>																																
Valley Falls.....	Kansas.....	T.	T.	.03																												1.23
Vinland.....	do.....	T.		.25																											1.05	
Wakeeney.....	Smoky Hill.....			T.																											1.57	
Wallace.....	do.....				T.																										1.36	
Wamego.....	Kansas.....	T.	T.																												2.18	
<b>Missouri.</b>																																
Amoret.....	Osage.....	T.																													1.74	
Appleton City.....	do.....			.07																											1.09	
Arthur.....	do.....			.50																											3.04	
Avalon.....	Grand.....			.60																											2.15	
Bethany.....	do.....			.55																											2.05	
Bolivar.....	Osage.....			.10																											3.74	
Boonville [1].....	Missouri.....			.08	.10																										1.46	
Brunswick [1].....	Grand.....	T.		.24																											1.59	
Clinton.....	Osage.....			T.																											1.65	
Columbia.....	Missouri.....			.01	.45																										1.74	
Conception.....	Gasconade.....			.05	.30																										3.50	
Crocker.....	Osage.....			.02																											3.13	
Eldorado Springs.....	Missouri.....			.05	.30																										1.67	
Fayette.....																																1.92
Fulton.....	do.....			.40																												1.24
Glasgow [1].....	do.....			.02	T.																											1.85
Grant City.....	Grand.....			.50	T.																										1.89	
Harrisonville [1].....	Osage.....			T.																											1.57	
Hazelhurst.....	Grand.....			.40																											1.90	
Hermann [1].....	Missouri.....	T.	T.	.18	.08																										2.85	
Houston.....	Gasconade.....			.10																											1.47	
Jefferson City [1].....	Missouri.....			.13	.01																										1.38	
Kansas City.....	do.....			.20	.06																										1.65	
Kidder [1].....	Grand.....			T.																											0.64	
Lamontz.....	Missouri.....			T.																											1.47	
Lebanon.....	Osage.....			.10																											3.20	
Lexington [1].....	Missouri.....			.20																											1.35	
Liberty.....	do.....			.32	T.																										2.24	
Lockwood.....	Osage.....			T.																											2.77	
Marshall.....	Missouri.....			T.	T.																										1.40	
Maryville.....	do.....			.50																											3.15	
Mount Vernon.....	Osage.....																														3.84	
Nevada.....	do.....			.15	.15																									3.90		
Oregon.....	Missouri.....			T.																											1.98	
Pattisonsburg [1].....	Grand.....																															3.29
Rolla.....	Gasconade.....			.02	.08																										3.15	
St. Charles.....	Missouri.....			T.																											1.73	
St. Joseph.....	do.....			T.																											2.80	
St. Louis (1).....	Mississippi.....			.01	T.																										2.07	
St. Louis (2).....	do.....			.02	T.																										1.17	
Sublett.....	Chariton.....																														2.06	
Trenton.....	Grand.....																														2.49	
Unionville [1].....	Chariton.....																														2.07	
Warrensburg.....	Missouri.....																														1.17	
Warrenton [1].....	do.....																														2.08	
Warsaw.....	Osage.....																														2.08	
Wheatland.....	do.....																														2.90	

\* Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

‡ Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures at selected stations for February, 1912. District No. 6, Missouri Valley.

Date.	Wyoming.														Montana.													
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewis-town.		Malta.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	60	24	38	18	42	19	32	9	30	8	38	13	45	16	30	7	48	16	50	21	38	8	34	20	40	19	31	- 1
2....	62	30	41	32	41	19	45	15	32	28	40	20	44	22	35	11	52	39	51	19	36	14	42	19	44	20	35	21
3....	50	26	34	- 8	11	0	30	3	48	-13	40	3	22	-21	31	6	10	- 4	53	25	14	- 4	35	19	39	5	22	-24
4....	46	20	34	- 9	24	-10	19	-11	12	-12	24	-10	13	-21	30	0	36	-11	48	20	21	- 6	28	14	29	- 3	- 4	-24
5....	45	19	35	6	36	0	24	- 5	32	18	29	1	30	- 4	36	12	31	8	51	27	18	3	34	18	28	5	19	-15
6....	44	20	41	14	43	5	28	- 4	31	18	34	8	41	1	40	18	40	8	50	24	21	12	37	29	42	10	20	10
7....	50	24	50	22	40	15	32	10	28	12	42	25	29	17	42	22	26	18	46	25	18	9	33	24	35	20	27	- 6
8....	52	26	41	20	35	18	35	18	38	18	38	22	33	12	36	19	42	13	47	28	15	2	39	22	32	17	8	-21
9....	50	20	41	28	47	20	46	18	40	20	41	21	39	21	34	15	48	17	50	22	38	12	45	25	41	18	27	4
10....	58	30	45	26	43	25	47	21	42	18	43	30	45	25	41	25	55	28	46	27	40	30	45	36	42	22	43	14
11....	60	29	45	24	50	30	43	21	44	18	40	20	44	21	36	18	56	20	50	25	23	21	43	29	47	22	29	0
12....	56	28	41	20	40	23	37	15	40	24	39	24	38	22	34	14	47	24	51	22	35	23	42	27	45	20	35	0
13....	50	30	40	16	45	20	29	9	38	14	37	1	36	17	33	14	49	16	48	29	42	16	14	24	39	20	40	1
14....	57	27	49	25	50	20	42	11	38	18	39	15	44	19	38	17	52	22	50	25	45	32	47	32	47	20	44	7
15....	61	24	42	28	51	26	42	11	36	20	37	15	43	22	31	19	53	19	52	25	42	30	46	32	44	20	43	15
16....	60	26	45	26	57	33	45	19	38	18	40	27	44	27	39	24	54	32	48	22	40	34	14	34	45	27	38	14
17....	59	28	46	22	54	27	51	18	44	22	43	22	43	28	40	25	51	32	50	28	43	32	46	33	43	29	38	22
18....	56	26	32	26	37	32	43	26	40	26	47	28	40	31	32	18	51	32	50	22	38	26	38	31	41	20	35	14
19....	44	16	26	18	32	25	28	21	40	18	30	20	33	26	28	13	41	30	49	25	31	15	38	27	45	25	30	6
20....	49	21	25	6	31	5	31	5	28	18	27	16	29	- 3	27	2	39	22	46	24	35	10	38	22	31	6	30	4
Mns..	51.4	21.8	35.3	15.2	36.7	13.6	32.7	7.9	33.2	13.8	33.9	13.6	34.4	10.6	32.0	12.8	41.4	17.4	46.9	22.7	30.8	14.9	37.5	22.8	37.7	14.4	28.6	2.8
Date.	Montana.								North Dakota.								South Dakota.											
	Miles City.		Poplar.		Berthold Agency.	Bismarck.		Dickinson.		Jamestown.		Williston.		Aberdeen.	Huron.		Kadoka.	Kimball.		Lemmon.	Marston.		Rapid City.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	33	14	27	6	27	16	22	9	26	14	1	- 3	21	17	8	2	23	4	41	20	29	10	21	14	29	15	36	25
2....	36	22	30	10	21	1	14	-18	23	8	13	- 3	22	-17	5	4	7	- 4	34	16	20	8	25	-21	18	5	35	4
3....	22	-12	10	-23	2	-5	-22	8	-24	- 3	-20	- 6	6	-22	- 4	-21	- 4	-18	28	-16	10	-20	- 8	-13	15	-21	4	-15
4....	12	-12	5	-28	7	-20	8	-11	5	-19	9	- 9	2	-20	13	-18	7	-10	20	-10	8	-10	7	-8	18	-13	18	-11
5....	12	-13	11	-20	9	-20	14	- 5	5	-14	19	7	2	-16	21	- 5	18	7	20	-10	18	2	15	- 6	13	-12	25	-3
6....	24	0	16	- 7	9	-18	11	- 7	14	-10	15	- 8	8	- 9	22	- 6	15	- 3	29	0	19	- 2	14	1	13	-11	43	- 1
7....	18	11	11	- 7	7	-11	9	- 6	11	- 9	2	-15	7	- 8	15	- 8	15	- 4	20	9	16	0	11	- 6	19	- 2	12	12
8....	18	- 1	3	-25	7	-23	6	-16	9	-19	0	-20	6	-17	8	-10	26	4	14	- 2	31	6	13	-10	21	9	9	
9....	40	12	28	- 9	20	-29	19	-25	30	-11	8	-23	22	-23	15	-21	15	-17	29	10	19	- 5	28	9	12	- 9	37	15
10....	42	22	36	10	29	6	27	9	33	14	22	3	27	9	30	-19	30	9	43	25	36	15	39	12	34	10	48	28
11....	44	18	27	0	34	7	24	10	41	1	22	9	22	4	20	8	22	8	38	19	32	12	41	16	29	5	43	26
12....	44	20	35	0	32	3	29	13	33	1	21	12	32	3	30	5	22	6	38	18	29	14	32	17	23	14	42	29
13....	40	19	31	10	36	22	31	21	31	11	32	18	30	22	34	10	36	21	45	24	38	22	31	16	30	13	42	26
14....	50	21	40	13	42	14	43	22	38	17	40	18	38	20	36	18	39	15	50	27	42	16	40	17	41	15	53	32
15....	47	24	43	12	40	10	36	17	37	19	39	18	40	14	24	9	49	27	45	17	38	22	41	12	48	31	48	31
16....	44	27	39	13	42	15	43	21	37	19	40	15	38	23	42	18	48	22	42	30	45	25	39	27	39	16	45	34
17....	48	32	39	18	40	22	43	27	39	18	42	22	35	24	42	20	47	27	50	30	50	28	40	22	44	21	48	33
18....	45	28	31	4	35	20	27	24	35	12	37	22	29	16	30	25	37	28	44	27	40	26	33	24	38	21	41	28
19....	36	24	30	12	28	20	32	21	31	25	31	23	15	32	25	32	27	36	33	36	23	33	19	31	22	33	25	
20....	34	22	24	11	23	3	22	1	30	6	28	15	24	0	28	18	22	14	33	22	30	25	3	31	12	31	17	
21....	37	20	22	0	30	-11	29	- 7	29	- 4	20	2	22	0	20	6	23	13	35	10	26	5	29	12	29	0	35	16
22....	41	27	33	10	31	14	30	16	36	13	29	2	32	18	30	10	34	12	42	20	39	13	41	25	37	13	45	28
23....	40	30	37	13	36	18	37	23	35	13	40	10	30	18	44	15	50	19	47	26	47	20	37	22	46	19	45	28
24....	34	25	28	17	27	12	28	11																				

TABLE 3.—Maximum and minimum temperatures at selected stations for February, 1912. District No. 6—Continued.

Date.	South Dakota.					Colorado.					Nebraska.																	
	Sioux Falls.		Watertown. §§		Yankton.	Denver.		Wray.		Alma.		Bridgeport.		Grand Island. §§		Hay Springs.		Helbron.		Lincoln.		North Platte.		Oakdale.		Omaha.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1.....	26	-12	6	2	29	6	44	15	40	23	40	29	41	18	28	24	34	17	27	25	31	17	38	25	22	12	30	8
2.....	12	-10	6	-18	12	2	50	40	43	31	37	30	26	16	34	16	29	13	17	6	36	19	16	4	11	-3		
3.....	10	-20	5	-12	2	-18	45	6	37	-2	36	0	35	-2	6	-8	32	-11	13	-3	9	7	24	-3	4	-15	6	-10
4.....	8	-10	9	-10	13	-5	32	3	43	-4	32	2	27	-8	2	-2	21	-11	26	-1	20	-1	26	-2	15	-6	17	-5
5.....	16	4	11	-8	18	8	41	14	31	5	34	4	35	2	26	4	27	-9	27	8	20	9	30	0	21	3	18	10
6.....	20	10	10	0	23	9	49	16	49	11	48	3	43	3	37	6	36	4	40	14	39	17	42	7	33	-1	34	17
7.....	16	3	12	-11	23	0	40	26	43	37	17	37	17	26	13	35	18	28	14	25	8	32	19	25	4	20	5	
8.....	14	-10	7	-16	-16	-5	35	25	34	22	28	18	32	20	26	14	32	14	28	17	23	9	27	18	21	1	20	3
9.....	12	-12	17	-21	20	-5	46	29	45	22	37	22	31	22	36	29	30	17	25	16	42	20	23	13	18	7		
10....	34	7	34	-22	41	19	51	30	46	27	54	22	45	23	45	21	42	22	48	22	47	24	42	15	41	16		
11....	28	10	17	12	27	12	45	26	51	30	50	24	51	25	40	33	46	23	38	28	39	23	46	26	36	22	37	22
12....	25	12	17	3	26	10	44	27	41	29	39	25	47	25	35	22	43	23	34	19	34	21	37	25	32	20	28	14
13....	36	18	32	12	36	22	47	22	47	27	42	30	47	8	36	31	42	18	33	28	33	27	46	26	34	27	32	25
14....	36	17	37	17	35	20	56	27	55	26	50	24	37	22	47	29	32	32	32	23	53	28	34	19	33	27		
15....	43	20	44	21	49	19	46	30	44	28	46	25	52	25	45	25	45	27	38	18	37	17	50	28	47	19	35	19
16....	46	25	49	20	50	24	52	30	50	28	54	24	48	25	45	29	40	26	43	23	44	23	46	28	47	24	47	21
17....	46	26	46	23	51	32	56	35	55	30	58	32	52	22	54	33	42	28	54	34	51	35	53	29	51	31	46	35
18....	50	24	29	25	45	29	47	32	55	30	50	30	42	30	45	32	42	30	50	30	47	33	48	32	46	29	44	32
19....	38	29	36	26	35	26	40	22	45	28	44	34	35	27	40	29	35	26	46	32	32	28	35	28	33	24	33	26
20....	30	26	27	17	35	24	31	10	34	23	38	28	33	23	28	23	26	21	33	29	32	26	34	18	35	21	31	26
21....	29	20	20	17	24	13	34	9	35	8	34	20	35	5	30	14	33	11	29	19	26	19	31	10	26	9	26	21
22....	32	20	30	7	39	15	41	10	45	16	50	19	37	8	46	20	38	19	49	18	43	18	42	19	43	11	42	18
23....	35	23	48	15	51	23	31	23	41	24	45	25	38	21	43	28	38	26	46	32	47	33	44	25	46	21	48	34
24....	40	19	30	16	36	26	27	20	34	28	40	33	33	28	35	33	36	24	38	35	39	32	36	27	33	20	40	33
25....	34	10	22	13	26	16	20	17	29	22	33	22	28	23	26	23	24	29	19	35	23	32	27	20	16	33	16	
Mns.	28.7	9.1	23.2	4.4	29.9	12.5	40.7	19.4	41.2	18.9	41.3	20.0	38.2	15.9 <sup>a</sup>	34.0	19.9	35.9	16.5	34.9	19.1	32.3	17.1	38.0	19.2	31.0	13.2	30.3	16.0
Date.	Valentine, Nebr.	Iowa.					Kansas.					Missouri.																
		Clarinda. §§	Sibley. §§	Sioux City.	Colby.	Concordia.	Salina.	Topeka.	Wakeeney.	Columbia.	Kansas City.	St. Louis.	Unionville. §§															
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1.....	29	21	22	20	9	5	28	0	37	24	35	23	34	30	35	20	39	27	33	13	34	17	36	17	26	14		
2.....	34	3	12	-5	1	-19	7	-7	40	30	38	18	36	21	27	15	40	26	21	4	22	9	22	5	15	-3		
3.....	3	-14	0	-5	-4	-19	0	-17	39	3	38	1	34	4	37	-1	42	3	20	-10	22	-4	21	-4	5	-5		
4.....	16	-8	17	-10	12	-18	12	-4	29	-1	25	2	26	2	25	-1	30	2	18	-11	22	-3	16	-7	15	-12		
5.....	24	-4	18	-3	19	-9	18	7	30	8	29	9	31	9	23	11	31	5	17	9	21	11	16	10	17	-6		
6.....	37	1	32	3	22	6	28	11	47	13	43	19	43	18	40	18	50	9	23	11	33	17	23	14	22	0		
7.....	24	10	20	7	13	-8	18	-1	42	24	35	19	36	21	34	18	45	21	24	18	32	16	29	19	16	10		
8.....	26	8	18	6	10	-14	13	-5	34	22	27	20	30	22	25	21	37	20	22	12	24	17	23	16	-4			
9.....	33	15	19	-2	16	-19	13	-10	42	24	32	22	33	21	29	16	42	20	20	7	24	12	20	9	15	-5		
10....	44	20	40	0	35	-18	37	13	46	30	54	24	51	21	48	15	56	23	34	0	44	11	28	5	26	-2		
11....	45	32	30	15	18	13	30	14	48	30	44	30	46	30	43	26	56	29	39	23	42	23	42	30	7			
12....	45	24	27	10	23	23	10	45	30	35	24	41	25	36	18	44	30	39	14	33	21	35	27	35	5			
13....	46	21	30	10	32	1	32	22	45	33	36	31	36	28	34	27	42	31	37	23	32	27	35	17	38			
14....	51	26	32	23	32	23	32	22	53	30	34	20	37	28	33	24	54	26	36	28	34	28	32	33	24			
15....	51	27	33	25	37	22	39	24	47	30	37	14	36	27	38	26	48	32	41	30	35	26	46	30	34			
16....	47	28	43	17	41	19	42	19	53	32	45	26	52	30	56	30	52	30	53	49	56	32	52	33	44	25		
17....	32	28	45	17	44	21	43	30	54	33	54	35	53	36	51	37	57	33	53	36	49	39	56	37	47	26		
18....	45	27	46	28	41	26	41	28	54	34	50	36	54	32	55	36	54	34	55	32	56	39	59	37	46	30		
19....	29	25	33	26	34	24	32	24	44	33	39	32	46	30	41	32	46	32	45	35	41	30	50	35	43	29		
20....	30	8	34	25	28	....	32	25	44	25	33	29	36	31	33	28	39	25	35	30	33	29	35	29	32	27		
21....	28	-7	27	20	20</td																							